CONSTRUCTION NEWS

Some of the Week's Large Projects

AMONG the announcements for the current week are the following:

Proposed Work

Waterworks, Sacramento, Calif., Sacramento Public Utility Dist., plans bond election, $11,500,000.

Theatre and Hotel, Cincinnati, O., Corp., c/o W. H. Ahlschlager, archt., plans, $7,000,000.

Waterworks, Akron, O., bond election Nov. 6, $6,000,000.

Apartment, New York, N. Y., Bricken Construction Co., plans, $4,500,000.

Bridge, Madison, Ind., National Toll Bridge Co., c/o J. G. White & Co., New York, soon takes bids, total, $2,500,000.

Schools, St. Joseph, Mo., bond election Oct. 9, $2,180,000.

Roads, Akron, O., Election Nov. 6, $2,140,000.

Library, New York, N. Y., New York Public Library, sketches, $2,000,000.

Apartment, St. Louis, Mo., Local Syndicate, c/o W. J. Abbott, soon takes bids, $2,000,000.

School, Akron, O., election Nov. 6, $2,000,000.

Tunnel, Los Angeles, Calif., plans, $1,565,000.

Beach Tunnel, San Francisco, Calif., City and San Francisco Co., plans, $1,520,000.

Sewers, Detroit, Mich., Wayne Co., plans, $1,250,000.

Apartment, New Work, Ninety-Eight Riverside Drive Corp., plans, $1,150,000.

Hospital, Evergreen Park, Ill., Sisters of Little Company of Mary, sketches, $1,000,000.

Apartment, Detroit, Mich., J. L. Baker, sketches, $1,000,000.

Nurses' Home, Laundry, Etc., Roxbury (sta. Boston) Mass., Children's Hospital, plans, $1,000,000.

Bids Desired

Hotel and Apartment, Wash., D. C., Cafritz Co., bids about Nov. 1, $2,000,000.

Apartment, Chicago, Ill., Oct. 5, by Schmidt, Garden & Erickson, archts., for Huguelet Bros., $1,500,000.

Theatre, New York, N. Y., Highbridge Realty Corp., bids about Oct. 8, $1,250,000.

Bank, Memphis, Tenn., Oct. 1, by Hanker & Cairns, archts. for Bank of Commerce & Trust Co., $1,000,000.

Bids Received

Life Science Building, Berkeley, Calif., University of California, from Dinwiddie Construction Co., San Francisco, $1,234,000.

Contracts Awarded

Subway, Long Island City, N. Y., Bd. of Transportation, J. H. Delaney, Chn., New York, Sect. 1, Route, 108, to G. W. T. Construction Co., New York, $6,974,731.

Subway, Brooklyn, N. Y., Bd. of Transportation, J. H. Delaney, Chn., New York, Sect. 5, Route 107 to Necaro Construction Co., New York, $5,612,034.

Apartment, New York, N. Y., Kingsbridge Improvement Corp., S. Kinskoff, Pres., separate contracts, $3,000,000.

Theatre, New York, N. Y., Loew's Enterprises to M. Mason & Son, Brooklyn, $1,800,000.

Office and Store, Chicago, Ill., V. C. Carlson, Evanston, general contract to V. C. C. Construction Co., Evanston, $1,000,000.

Power Plant, St. Louis, Mo., Anheuser-Busch, Inc., 721 Pestalozzi St., general contract supervised by Ophuls & Hill, Inc., New York, $1,000,000.

Warehouse, Cleveland, O., Brandt Co., H. W. Brandt, Pres. to S. W. Emerson Co., $1,000,000.

Apartment, Los Angeles, Calif., N. A. Leech, separate contracts, $1,000,000.

Construction News of the Week

Waterworks

Proposed Work

N. J., Jersey City — Bd. City Comrs., City Hall, mains in Charlotte and Baldwin Aves. $25,500. C. A. Van Keuren, city engr.

N. J., Wanaque—Bd. City Comrs., Firehouse, preliminary plans artesian wells. $26,000. F. Millen, 419 Ramapo Ave., Pompton Lakes, engr.

Okla., Granite—New well, pumping equipment, incl. triplex pump and motor, main extensions. $20,000. Peckham & Riggins, 603½ Hest Main St., Oklahoma City, engrs. Noted June 21.

Bids Desired

Mass., Boston—Oct. 2, by Dpt. P. Wks., waterworks in Whipple Ave., Keith and Winslow Sts., Parkville, West Roxbury and Hutlcroft Rds., Dorchester. $15,000. J. H. Sullivan, comr.

N. Y., Brooklyn—Oct. 5, by J. J. Dietz, comr. Water Supply, Gas & Electricity, Municipal Bldg., mains in Avenues K and S, Flatlands, Hegeman, Vandervoort and Willoughby Aves., 9th, 71st, East 15th, East 27th, East 53rd, East 95th, West 5th, North 14th and Bay 41st Sts.

N. Y., Long Island City—Oct. 2, by J. J. Dietz, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York, mains in Phlox Pl., Tudor and 82nd Rds., Sanborn, 26th and 46th Aves., Cherry, 123rd, 146th, 163rd, 164th, 165th, 170th, 191st and 228th Sts., Queens Boro.

N. Y., New York—Oct. 2, by J. J. Dietz, comr. Water Supply, Gas & Electricity, Municipal Bldg., mains in Grand Concourse, Claremont Park, Eastchester Rd., Kings College Pl., Blackrock, Bolton, Cincinattus, Harding and Independence Aves., Southerland, East 177th, East 211th, 223rd and West 237th Sts.

Pa., Pittsburgh — Taking bids alternate suction intake at Ross Pumping Station to supplement present intake. $50,000. Noted Aug. 2.

Mich., Detroit—Oct. 24, by Bd. Water Comrs., Water Board Bldg., equipment for low lift plant, Springwells St. G. H. Fenkell, genl. mgr. and ch. engr.; adv. E. N.-R. Sept. 27.

Ore., Hood River—Oct. 10, by H. L. Howe, city recdr., 17 mi. water pipe line. $250,000. Stevens & Koon, Spalding Bldg., Portland, engrs.

Bids Received

Calif., Oakland — Directors East Bay Municipal Utility Dist., from Ward Eng. Co., 315 Montgomery St., San Francisco, South Spillway $286,164, Jackson Creek Spillway and Dike $167,481, Pardee Reservoir Outlet Tower and appurtenances, $150,900. Noted Aug. 23.

Contracts Awarded

N. J., Netcong—Mayor and Council, 24 in. gravel filter well at water shed, to Layne New York Co., Inc., 30 Church St., New York, $11,250.

N. J., South Orange — Bd. Village Trustees, Village Hall, multiple unit zeolite water softening plant, to Turbine Equipment Co., 30 Church St., New York, N. Y., $29,681. Noted Aug. 30.

Pa., Phila. — Dpt. P. Wks., Bureau of Water, Contr. 929, to P. and E. J. Ellis, 4th and Wyoming Sts., $184,000; Contr. 938, to J. Bugger, 2124 East Cumberland St., $4,000. Noted Aug. 16.

Pa., Phila.—See "Sewers."

Pa., Miami—City, basin for water plant addition in Hialeah, to Hintz Constr. Co., 2126 Northwest Flagler Terrace, $20,715; tank, to Chicago Bridge & Iron Co., 37 West, Van Buren St., Chicago, Ill., $3,400; well, to Kiser Well Drilling Co., Miami, $1,035. Grand total $25,150. Noted Aug. 30.

THESE reports are grouped under each class (water-works, sewers, etc.) and under each stage of the work (proposed, bids desired, etc.) according to the following geographic sections: New England, Middle Atlantic, South, Middle West, between Mississippi and Rocky Mountains, Far West, and Canada.

Where name of official is not given inquiries should be addressed to City Clerk, County Clerk, or corresponding official.

O., Portsmouth—Bd. Control, J. Lynn, dir., Serv., 24 in. c.i. main in Gallia St. in East Portsmouth, to Kelly Bros. Constr. Co., Portsmouth, $39,146.

Ill., Northbrook — For 4- to 16-in. c.i. water pipe, to C. M. Porter, 228 North La Salle St., Chicago, $123,231.

Mo., St. Louis—Bd. P. Serv., City Hall, rein.-con. heating tunnel between high pressure engine and filter houses, pipe trench between above tunnel and coagulant house and between coagulation and 2 sludge pump houses, to Missouri Eng. & Contg. Co., Merchants Laclede Bldg. $17,466; iron railing between well and Chain of Rocks Engine House, to Shuck Iron & Fdry. Co., 3145 North 14th St., $745. Noted Aug. 23.

Calif., Murphy — Bret Harte, Sanatorium Hospital Central Com., Courthouse, Stockton, 200,000 gal. rein.-con. tank, to Adams Co., Angels Camp, $9,143. Noted Aug. 30.

Calif., San Diego—Mains in Orange Ave. and other streets, to Miracle Constr. Co., 4751 Monroe St., $26,195.

Sewers

Proposed Work

O., Canton—State Hy. Comn., Columbus and Stark Co. storm water sewer 1,000 ft. north of Massillon-Canton Hy. $25,000-$30,000. A. M. Wise, Canton, engr.

Mich., Detroit — Wayne Co., LeBlanc Drain Extension 4 mi. concrete, rein.-con. covered drain, laterals, in Taylor Twp. $1,250,000. Pate, Bacon & Hamman, Transportation Bldg., engrs. G. A. Dingeman, co. drain comr.

Bids Desired

Mass., Boston—Oct. 1 to 5 (according to sections) by Dpt. P. Wks., sewerage works in Dorchester, Brighton and West Roxbury. To exceed $25,000. J. H. Sullivan, comr.

Mass., Nantucket—Weston & Sampson, engrs., 15 Beacon St., Boston, taking bids sewerage system, incl. pumping station, intercepting sewers. $186,000. Noted July 19.

N. Y., Oneida—Oct. 3, at office Adjutant General, 100 State St., Albany, sewers,

See proposal advertising on page 118

Constr. News page 167

TRADE **"LEADITE"** MARK

Registered U. S. Pat. Office

"The World's Playground" has used Leadite with complete satisfaction for over 20 years

ATLANTIC CITY, New Jersey, is proud of its well-paved streets. In laying new or additional cast iron mains, the engineers always use Leadite. They know from the experience of nearly one-quarter of a century that Leadite joints are absolutely secure and that the occasion will not arise where paved streets have to be dug up to repair the line.

In addition to the mains under the paved streets, Leadite was used for jointing the 24" main that runs under the famous boardwalk.

Other lines run through salt marshes, over bridges and under numerous railroad tracks.

The sizes of these mains run from 4" to 48".

Mr. L. Van Gilder is Engineer and Superintendent of the Atlantic City water department.

Added to the security and permanence of Leadite joints there is a saving of 75%.

For its economy—permanence—security—and the speed with which jointing can be finished—Water Works men specify and use Leadite.

Laying 24" c. i. water mains, with Leadite Joints, in Atlantic City under paved street.

Specify and use LEADITE —it saves at least 75%

Be sure it is LEADITE and accept no imitations~~~

The pioneer self-caulking material for c. i. pipe. Tested and used for over 30 years.

THE LEADITE COMPANY . . Land Title Building . . PHILADELPHIA, PA.

NO CAULKING

Sewers (Continued)

water connections at State Armory site; adv. E. N.-R. Sept. 27.

Miss., Meridian—Oct. 2, by Mayor, extending 132,386 ft. 8- to 15-in. sewers, 361 manholes. $200,000. J. C. Watts, Meridian, engr.

La., New Orleans—Nov. 22, by Sewerage & Water Bd., at office A. G. Moffat, secy., 526 Carondelet St., labor, material on percentage basis for waterworks, sewerage, drainage construction during 1929. G. G. Earl, genl. supt.; adv. E. N.-R. Sept. 27.

Ind., Anderson—Oct. 8, by Bd. Wks., 2 mi. sewer, laterals, central pumping station in North Anderson Dist. $310,000. M. H. Downey, engr.

Ind., Gary—Oct. 1, by Bd. Wks., Glen Park Sewer. $240,000.

Mich., Detroit—Nov. 14, by J. W. Reed, Comr. P. Wks., main building, primary switch house discharge channel, 182 ft. 5 ft. 259 ft. 7 ft. and 128 ft. 14 ft. tunnels, 3,959 sq.ft. steel sash, 1,741 cu.yd. gravel fill, 6,288 cu.ft. cut stone in Connors Creek Storm Water Pumping Station, Jefferson and Clairpointe Aves. P. A. Fellows, city engr.

Ill., Chicago—Oct. 2, by City at office Bd. Local Impvts., City Hall, tile sewers, brick manholes, catch basins in 2 alleys, Gordon Terrace, East 72nd and West 53rd Places, East 106th and West 51st Sts., North Avers, Lockwood, Avenue N, Avenue M, South Long, South Lorel, South Latrobe and South Lockwood Aves. M. J. Faherty, pres.

Ill., Jacksonville—Oct. 2, by City, North Side Sewage Disposal and Treatment Plant. $125,000. Pearse, Greeley & Hansen, 6 North Michigan Ave., Chicago, engrs. Noted Aug. 23.

Tex., Austin—Oct. 4, by A. R. Johnson, city mgr., 10,200 ft. 15- to 48-in. pre-cast rein.-con. sewers in Gaudelupe St. and Harris Park addition, $125,000; 9,350 ft. 15 to 42-in. Comal and Holly Sts. $150,000. H. R. F. Helland, City Hall, engr. Noted Sept. 6.

Okla., Okeene—Oct. 3, by S. Fox, city clk., 34,000 ft. 8- to 12-in. vitr. clay sewers, disposal plant, Imhoff tank. $47,000. E. A. Jones, Enid, engr. Noted Aug. 9.

Contracts Awarded

N. Y., Kenmore—Vitr. storm sewer in Delware, Shepard and Victoria Aves., to W. J. Irwin & Son, Harlem Rd. and Cheektowags Sts., Buffalo, $214,436.

N. Y., New York — H. Bruckner, pres. Bronx Boro, Crotona Park, 3rd and Tremont Aves., sewers in Johnson Ave., to Anita Constr. Co., 440 East 200th St., $2,610; in Laconia Ave., to F. Gabrielle, 2750 Creston Ave., $9,470. Noted Aug. 30.

N. Y., Ossining—Drains in Eastern Ave., to J. DeBernardinis & Co., 155 Croton Ave., $11,115; Ryder Rd., to Wallace & Yazzo, White Plains, $7,902. Noted July 26.

N. J., Belleville (br. Newark)—Bd. Town Council, Town Hall, storm, sanitary sewers in Continental Ave., to J. Abbott, Inc., 19 Claremount Ave., Montclair, $28,315.

N. J., Lavalette — Sewerage system, to L. R. Gilbert, 7 Watchung Ave., Plainfield, $119,958; plumbing plant, to J. Miele Constr. Co., 2261 Milburn Ave., Maplewood; $33,748; treatment plant, to T. Proctor, Long Branch, $74,364. Grand total $228,070.

N. J., Saddle River—Twp. Comn., Lincoln School, Market St. sanitary sewerage system in Roseville Dist., to Midland Constr. & Contg. Co., Rochelle Park, $64,621. Noted Aug. 30.

N. J., Teaneck (br. Hackensack) — Twp. Comn., Municipal Bldg., 39,000 lin.ft. 8- to 12-in. sanitary sewers, Contr. 9A, to Giovannoni Constr. Co., Cedar Lane, Teaneck, $169,820; Contr. 9B, to Arnolt More, Inc., 40 Clinton St., Newark, $12,500.

Pa., Phila.—Dpt. P. Wks., Bureau of Engineering & Surveys, branch sewers in Hunting Park Ave. and Lycoming St., to D. Delise, 4842 North Leithgow St., $8,111 and $10,343 respectively; removing buildings, constructing sewers, mains, grading, paving for South Philadelphia Track Elevation, to F. A. Caruso & Son, 804 South 12th St., $172,431. Grand total $190,885.

Md., Baltimore—Bd. Awards, sewers, storm drains in Sewer Dist. J-4 and G-13, Sanitary Contr. 252, to N. Martell, 4400 Vesta Ave., $69,188. Noted Aug. 30.

Md., Baltimore—Bd. Awards, storm water drains in Sewer Dist. P-3, Storm Water Contr. 120, to P. Marocco, 3700 Forest Park Axe., $60,514; Sewer Dist. P-4, Storm Water Contr. 122, to F. Angelozzi, Hamilton Ave. and Valley Rd., $6,609. Noted Sept. 6.

O., Akron—F. E. Swineford, dir. Pub. Serv., 1,642 ft. segmental block sewer in Adams St. and Right-of-Way, and 5,760 ft. in Van Everett Ave. et al., to Shullo & DeLuca Constr. Co., 140 North Summit St., $19,693 and $24,497 respectively. Est. $26,700 and $43,000 respectively. Noted Aug. 9.

O., Columbus—W. H. Duffy, dir. Serv., 3,062 ft. 66 and 72 in. monolithic and 4,740 ft. 30- to 60-in. rein.-con. sewer in Northwood Ave., to C. & G. Constr. Co., 1381 Essex St., $91,168. Noted Aug. 23.

Mich., Dearborn—For 12,845 ft. 12- to 30-in. concrete or vitr. sewer in Sewer Dist. 27, to J. Rossi, 17501 Outer Dr., Detroit, $29,280; 11,856 ft. 12- to 36-in. in Sewer Dist. 28, to F. Early, Dearborn, $29,270.

Mich., Detroit — Dpt. P. Wks., River Rouge Interceptor E., Sect. 4, and Pembroke Ave. Arm West of Hubbell Ave., to T. D. Nolan, 14101 Plymouth Ave., $113,695 and $44,893 respectively; River Rouge Interceptor, Sect. 7 E, to County Constr. Co., Transportation Bldg., $90,488; Sylvester Arm West of Fischer, to J. Rossi, 17501 Outer Dr., $128,426; Fischer Ave. Storm Sewer, Sect. 2, to J. A. Mercier Co., 616 Hammond Bldg., $292,146; Paul Ave. Arm West of Southfield Ave., to Detroit Drainage Constr. Co., 8725 Agnes Ave., $108,540; Junction Cavalry Storm Sewer, Sect. 3, to Dpt. P. Wks., City Hall, $427,840. Grand total $1,206,028.

Mo., St. Louis—See "Streets and Roads."

Okla., Tulsa—For 22,140 ft. 8- to 12-in. vitr. clay sewers in Avondale, Glen Acres and Porter Sts., to Roach & Wood, Nebraska Bldg., $40,417. Est. $45,000.

Calif., Maywood—Vitr. sewers in Western Sect., to Gogo & Rados, 3274 Descanso Dr., Los Angeles, $147,698. Noted Aug. 16.

Waste Disposal

Bids Desired

N. Y., Brooklyn—Oct. 8, by Brooklyn Ash Removal Co., at office Dpt. Street Cleaning, Municipal Bldg., New York, complete incinerator plant, incl. timber dock, bulkheads, concrete foundations, buildings, superstructure, Newtown Creek at Apollo St. E. L. Collins, engr. Noted Sept. 20.

Pa., Coraopolis—Oct. 1, at office Boro Clerk, Municipal Bldg., brick, concrete, steel incinerator plant, 35 tons daily capacity. W. E. Cain, secy.

Bridges

Proposed Work

Ind., Madison—Natl. Toll Bridge Co., c/o J. G. White & Co., 37 Wall St., New York, soon takes bids steel for concrete, steel bridge over Ohio River. Total $2,500,000. Piers and abutments for above awarded to Vang Constr. Co., 18 Sycamore St., Pittsburgh, Pa., $500,000. Noted May 10.

Minn., Stillwater—See "Unclassified."

Okla., Martha—Jackson Co. rejected bids Sept. 10, 22 span 380 ft. pile trestle bridge. $35,000. W. M. Ingram, Altus, engr. Noted Sept. 6.

Oklahoma—State Hy. Dept., Oklahoma City, preliminary plans 3 steel truss bridges on piers, one 1 span 160 ft. over Washita River near Washita, Caddo Co. $60,000, one 1 span 140 ft. over Knight Creek near Weatherford, Custer Co. $40,000, other 1 span 145 ft. over Little River near Haworth, McCurtain Co., $35,000—4 rein.-con. bridges, one 5 span 88 ft. over Black Fork Creek near Heavener, La Flore Co., $35,000, one 6 span 102 ft. over Deep Fork Creek near Luther, Oklahoma Co. $32,000, one 4 span 80 ft. over Lightening Creek near Pawhuska, Osage Co. $25,000, and other 4 span 66 ft. over Gans Creek near Muldrow, Sequoyah Co. $25,000. C. R. Mandigo, hy. engr.

Bids Desired

Vt., Stockbridge—Sept. 28, by State Hy. Dpt., Montpelier, rein.-con. bridge, approaches. $25,000 or more. S. B. Bates, State House, Montpelier, comr.

Mass., Easthampton—Oct. 2, by Dpt. P. Wks., Boston, 230 ft. steel bridge with bituminous macadam approaches. W. F. Willams, comr.

Mass., Salem—Sept. 28, by Comrs. Essex Co., Court House, reconstructing 30 x 125 ft. concrete, steel drawspan bridge over Danvers River, between Salem and Beverly. $25,000.

N. Y., Johnstown—Oct. 15, by A. Wands, city clk., City Hall, 33-41 East Main St., reconstructing bridge over Cayadutta Creek, on West Main St.; adv. E. N.-R. Sept. 27.

N. Y., New York—Oct. 4, by A. Goldman, comr. Plant & Structures, Municipal Bldg., reinforcing, reconstructing Kisco River Bridge, over Kisco River.

Delaware—Oct. 16, by State Hy. Dpt., Dover, substructure Newport Bridge; Contr. 103, 13,000 lin.ft. removable snow fence, 900 steel posts, Contr. P; adv. E. N.-R. Sept. 27.

Indiana—Oct. 2, by J. D. Williams, dir. State Hy. Comn., Indianapolis, bridges in Lake, Porter, Wabash, Kosciusko, Wayne, Randolph, Adams, Laporte, Monroe, Warrick, Delaware and Jay Counties.

Iowa—Oct. 2, by State Hy. Comn., Ames, 90 x 20 ft. pony truss bridge with two 40 x 20 ft. I-beam approaches on Road 59, F.A.B. 35, Chickasaw Co.—150 x 20 ft. high truss bridge with two 40 x 20 ft. I-beam approaches, Road 65, B-99, Warren Co.—130 x 20 ft. high truss bridge with two 40 x 20 ft. I-beam approaches, Road 2, B-568 Warren Co.—3 culverts Road 32, B-297 Pottawattamie Co.—5 culverts Road 2, B-602 Washington Co. R. F. White, hy. comr.

California—Oct. 10, by State Hy. Comn., Sacramento, three 43 ft. concrete girder span bridge over Ash Creek—double 6 x 8 ft. concrete box culvert with concrete head and wing walls, over Dry Creek—two 24 ft. concrete deck girder spans on concrete bent over Butts Creek, Modoc Co.—two 30 ft. and one 50 ft. rein.-con. bridge on concrete bent over Sullivan Creek, 2 mi. east of Sonora, Tuolumne Co. C. H. Purcell, Sacramento, hy. engr.

Bids Received

R. I., Pawtucket — Cty, Eng. Dpt., City Hall, 210 ft. rein.-con., granite bridge, Exchange Pl., from J. J. McHale & Sons, 84 Ferris St., Pawtucket, Rhode Island granite $217,814; from Cruise Constr. Co., 19 Dexter St., Massachusetts granite $194,142. Noted Sept. 13.

Contracts Awarded

Vermont — State Hy. Dpt., Montpelier, bridges in Jamaica, to M. J. Burrington, Bennington, $45,389 — Castleton, to G. Badger, Bristol, $9,380—Poultney, to H. Knight, South Royalton, $23,022. Grand total $77,791.

Pa., Phila.—Dpt. P. Wks., Bureau of Engineering & Surveys, 6th St. and Allegheny Bridge over Richmond Branch Reading Co., to Horridge, Elcock & Hall, Real Estate Trust Bldg., $116,008.

O., Cleveland — Concrete substructure bridge, West 117th St., to Great Lakes Constr. Co., 1808 Harvard Ave., $241,000. Noted Aug. 23.

Ind., Madison—See "Proposed Work."

Michigan — Berrien Co. Rd. Office, St. Joseph, R. Bridge 1 of 11-13-25, C-1 and 2, Berrien Co., for State Hy. Dpt., Lansing. Contr. 1, to Massillon Bridge Co., Massillon O., $6,584; Contr. 2, to J. C. Marshall, Benton Harbor, $34,030. Noted Aug. 16.

Michigan—C. L. Cowgill, resident engr., Plymouth, Bridge 1 of 80-9-8, two 55 ft. spans, Contr. 2, to Massillon Bridge Co., Massillon, O., $6,368; Contr. 3, to Townsend & Daily Co., Ypsilanti, $36,351, for State Hy. Dpt., Lansing. Noted Aug. 23.

Mich., Lansing—City Clerk, 3 span 227 ft. rein.-con., steel bridge, 52 ft. over railroad tracks, on Logan St., to Folwell Eng. Co., 323 North Michigan Ave., Chicago, Ill., $279,940. Noted Aug. 9.

Utah—See "Streets and Roads."

Washington—State Hy. Comn., Olympia, 162 ft. riveted thru truss bridge (using old foundation and approaches), over Coweeman River, to J. J. Badraun, 681 East 42nd St. N., Portland, Ore., $25,236, and 425 ft. riveted thru truss span bridge over Kalama River, to Gilpin Constr. Co., foot 14th St., Astoria, Ore., $76,004, both on State Rd. 1, Cowlitz Co. Noted Aug. 23.

Ore., Portland—Constructing Vancouver Avenue Viaduct, to Sadler & Arnz, Portland, $100,280. Est. $98,381.

Ont., Arnprior—T. H. Grant, town clk., 500 ft. beam and girder concrete and rein.-con. bridge and dam over Madawaska River, to Grant Bros. Constr. Co., Ottawa, $86,989. Noted Sept. 6.

Dams

Proposed Work

W. Va., Charleston — New Kanawha Power Co., Glen Ferris, (subsidiary of Union Carbide & Carbon Co., 30 East 42nd St., New York), made application to West Virginia Pub. Serv. Comn., for authority to build 2 dams, 2 tunnels, 2 hydro-electric plants developing 50,000 hp. near Hawks Nest and Cauley Junction.

Ia., Cedar Rapids—Central States Electric Co., c/o J. A. Reed, genl. mgr., rein.-con. power dam to have 22 ft. head, across Des Moines River at Kalo in Memorial Park.

Contracts Awarded

Ont., Arnprior—See "Bridges."

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INDEPENDENT

Concrete Sewer Pipe

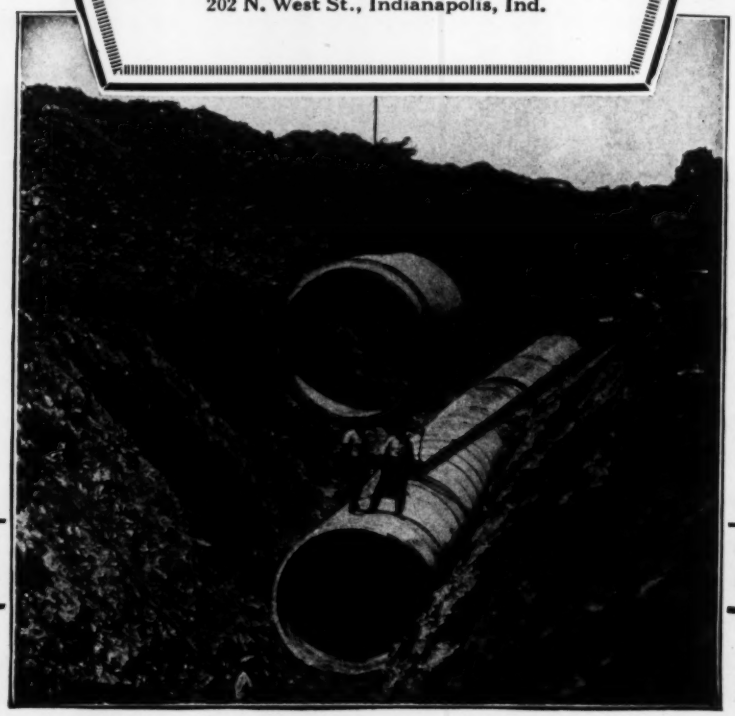
THREE Reasons Why It Saves Money

The USE of INDEPENDENT Concrete Pipe is an important factor in reducing sewer construction costs—for three reasons:

FIRST—Lower in first cost, because it is manufactured on or near the job, using local labor and local materials, wherever possible. SECOND—Cheaper to install, because the exclusive "Recessed Joint" facilitates laying the pipe and making strong, tight joints. THIRD—More permanent in service, because it will serve efficiently for generations, with little or no upkeep.

The list of cities using INDEPENDENT Concrete Pipe for storm and sanitary sewers is a long one, and steadily growing. If *your* city is planning a sewer project, it will pay you to get full information and estimates on INDEPENDENT Pipe.

INDEPENDENT CONCRETE PIPE CO.
202 N. West St., Indianapolis, Ind.



INDEPENDENT CONCRETE PIPE

for PERMANENCE and ECONOMY

Railways

Contracts Awarded

New York—B. M. Patten, pres. Queens Boro, Queens Subway Bldg., Long Island City, relocating tracks Jamaica Central Railways, to A. A. Johnson Corp., West Ave., Long Island City, $21,675. Noted Aug. 30.

Florida—Florida East Coast Ry., L. C. Frohman, principal asst. engr., St. Augustine, 10 mi. branch line from Belleglade-Chosen to west bank Miami Canal, to Cornell-Young Co., Macon, Ga. Noted Aug. 23.

Oklahoma — Rock Island & Pacific Ry. Co., La Salle St. Sta., Chcago, Ill., C. A. Morse, ch. engr., 7,000 lin.ft. track yard at Ponca City. $35,000. Owner builds. This corrects report of Sept. 20 issue.

(Correction) All railway reports published in Sept. 20, issue under proposed work are contracts.

Excavation, Drainage, Irrigation, Levees, River and Harbor

Proposed Work

Okla., Sayre—Preliminary plans 2 mi. river bank revetment, incl. steel jetties, along Red River. $40,000. R. M. Higgins, Sayre, engr.

Bids Desired

O., Lakewood (br. Cleveland)—Sept. 28, by City, breakwater along Lake Erie in Lakewood Park, 20,000 tons rip rap stone. $70,000. E. A. Fisher, City Hall, engr.

Mich., Detroit — Oct. 10, by Bd. Water Comrs., Water Board Bldg., excavation, embankment for power structures at Springwells Station, West Warren Ave. and Detroit Toledo R.R., Fordson. G. H. Fenkell, genl. mgr. and ch. engr.; adv. E. N.-R. Sept. 27.

Illinois — Oct. 4, at office Clerk Champaign Co., Urbana, enlarging 10,540 ft. open ditch, incl. 9,080 cu.yd. excav. in Lotus Special D. D., Sub-Dist. 8, Champaign, Piatt and McLean Counties.

Illinois—Oct. 8, at office A. W. Hartley, clk. Menard Co., Petersburg, and Comrs. Salt Creek Special Drainage Dist., Menard and Mason Counties, 12 mi. main open ditch, incl. 820,000 cu.yd. excav., also clearing 146 acres right-of-way. Goodell & Millard, Beardstown, engrs.

Calif., Chico—State Building Comn., Sacramento, taking bids 4,000 cu.yd. excav., driving 9,000 lin.ft. 14 in. concrete piling for State Teachers College Administration Building. $35,000. G. B. McDougal, Sacramento, state archt. Noted July 19 under "Buildings—Educational, Religious."

Que., Matane—Oct. 5, by S. E. O'Brien, secy. Dpt. P. Wks., Ottawa, Ont., repairing, improving West Breakwater. $30,000.

Contracts Awarded

N. J., Newark — Bd. Comrs., Dpt. P. Affairs, City Hall, dredging channel, Port Newark, to Atlantic, Gulf & Pacific Co., 13 Park Row, New York, $621,000.

Ark., Pine Bluff—Sub. Dist. 1 of Bradley Slough D.D., c/o Coleman & Gantt, attys., clearing 40 acres, 116,000 cu.yd. excav., and 360 ft. 12- to 36-in. vitr. clay pipe, to Kotchtitzky Bros., England, $19,551. Noted Aug. 16.

Calif., El Centro — Imperial Irrigation Dist., open ditch. Est. $80,000. Owner builds. M. J. Dowd, c/o owner, ch. engr.

Calif., Santa Paula—For 135,500 cu.yd. excav., 6,000 sq.ft. wire and rock mattress, to Gabler Constr. Co., 158 South Catalina St., Los Angeles, $27,623.

Calif., Westley—E. Smith, secy. West Stanislaus Irrigation Dist., 5 rein.-con. pumphouses, to C. N. Swenson, Santa Clara and 6th Sts., San Jose, $25,605; 100 tons ¼ in., 22.5 tons ⅜ in., 31.5 tons ½ in., 25 tons ⅝ in., 31.5 tons ¾ in. and 10 tons ⅞ in. reinforcing steel square deformed bars to Pacific Coast Steel Co., 111 Sutter St., San Francisco, $10,771; 3,750 cu.yd. sand; 2,250 cu.yd. ¼ to ½ in. and 5,100 cu.yd. ½ to 1 in. gravel, to California Rock Co., 728 Mills Bldg., San Francisco, $15,940. Grand total $52,316.

Quebec — S. E. O'Brien, secy. Dpt. P. Wks., Ottawa, Ont., dredging St. Antonie de Tilly and Trinity Bay, to Natl. Dock & Dredging Co., Ltd., 23 de Verennes St., Quebec, $31,000 and $40,000 respectively; dredging Sorel, to Les Chautiers Manseau, Sorel, $78,000. Grand total $149,000. Noted July 12.

Streets and Roads

Bids Desired

Maine—Oct. 4, by State Hy. Comn., Augusta **(F. A. P. means Federal Aid Project)**, graveling 2.27 mi. F. A. P. 94-D, Bethel—0.75 mi. F. A. P. 107-C, Island Falls—1.65 mi. F. A. P. 119-A, Phillips—3.59 mi. F. A. P. 122-A, New Sharon. L. D. Barrows, ch. engr.

Massachusetts—Oct. 2, by Dpt. P. Wks., State House, Boston, graveling, oiling 1,700 ft. hy. in Brimfield; widening, bituminous macadam paving 12,100 ft. hy. in Lynn and Salem. W. F. Williams, comr.

Mass., Boston—Oct. 1, by Dpt. P. Wks., sheet asphalt or bitulithic paving Wards 2, 20 and 22. $25,000. J. H. Sullivan, comr.

Mass., Boston—Oct. 2, by Dpt. P. Wks., J. H. Sullivan, comr., sheet asphalt or bitulithic paving Bateswell Ave. $25,000.

Mass., Easthampton—See "Bridges."

New York—Oct. 1, at office F. L. Merritt, clk. Bd. Supervs. Westchester Co., Court House, White Plains, rein.-con. paving 1.85 mi. North St., County Rd. 73, 33 ft., in Harrison and Rye. C. MacDonald, co. engr.; adv. E. N.-R. Sept. 27.

N. Y., Brooklyn—Oct. 3, by J. J. Byrne, pres. Brooklyn Boro, Boro Hall, grading Avenue L and East 92nd St.—sheet asphalt on concrete paving various streets damaged by subsurface, railroad or other work, Division Pl., Lot Ave. from Rockaway to Thatford Aves., Lott Ave. from Stone to Christopher Aves., Marcy and Hopkinson Aves., East 2nd, Hoyt, Leonard, McDonough, South 1st, West 10th, West 33rd and 2nd Sts.

N. Y., Long Island City—Oct. 4, by B. M. Patten, comr. Queens Boro, Queens Subway Bldg., grading, sidewalks on Bridge Plaza North to Bridge Plaza South, 58th, 50th (Fitting) 3rd Sts.—sheet asphalt on concrete paving 63rd Dr., Roosevelt Ave., Queens and Rockaway Blvds., 97th, Barn and Bleeker Sts.—granite block on concrete paving 22nd (Sunswick) St.—bulkheads in Beach 68th St.

N. Y., Ray Brook—Oct. 9, by Executive Dpt. Div. Standards & Purchase, Capitol, Albany, sidewalks at New York State Hospital for Treatment of Pulmonary Tuberculosis; adv. E. N.-R. Sept. 27.

N. Y., West Haverstraw — Oct. 15, at Executive Dpt., Div. Standards & Purchase, Capitol, Albany, grading at New York State Orthopedic Hospital for Children; adv. E. N.-R. Sept. 27.

N. J., Long Branch—Oct. 2, by Bd. City Comrs., City Hall, reconstructing Cedar Ave. from Westwood to Ocean Aves. O. R. Seaman, city engr.; adv. E. N.-R. Sept. 27.

N. J., Woodbridge—Oct. 4, by Bd. Freeholders Middlesex Co., Court House, New Brunswick, improving 5,220 lin.ft. Turnpike Rd. W. F. Buchanan, 175 Smith St., Perth Amboy, engr.

Pa., Phila. — Oct. 2, by Dpt. P. Wks., Bureau of Highways, grading, paving, redressed granite paving streets, improving country roads.

Pa., Pittsburgh — Oct. 10, by Comrs. Allegheny Co., widening, asphaltic concrete on concrete paving 1,900 ft. Washington Rd., Mt. Lebanon Twp., 40 ft. $50,000. Dpt. P. Wks., 519 Smithfield St., engrs.

North Carolina — Oct. 2, by State Hy. Comn., Raleigh, grading, paving 48 mi. 7 projects in Harnett, Almanac, Perquimans, Currituck, Balden, Pitt and Davie Counties. L. R. Ames, Raleigh, engr.

Miss., Canton—Oct. 2, by Bd. Supervs. Madison Co., grading, culverts, bridges on 15.638 mi. Federal Aid Project 79-B. G. A. Draper, c/o State Hy. Dpt., Jackson, engr.

Miss., Columbia—Oct. 5, by Bd. Supervs. Marion Co., grading, graveling, culverts, bridges 9.801 mi. Federal Aid Project 202-A. G. A. Draper, c/o State Hy. Dpt., Jackson, engr.

Tenn., Chattanooga — Oct. 1, by R. H. Crox, comr. Dpt. Streets & Roads, grading, curbing, guttering, 8 in. concrete paving 19,648 sq.yd. Dodson Ave. and East 3rd St. $60,000. W. H. Wilson, city engr.

La., Rayville—Oct. 3, by City Clerk, concrete paving 52,000 sq.yd. $272,000. M. L. Culley, 616 Lampton Bldg., Jackson, Miss., engr. Noted Aug. 16.

O., Columbus—Oct. 2, by W. H. Duffy, dir. Service, grading, curbing, paving Broderick, Gault and Mansfield Sts., Westwood and Blake Aves., brick $81,312, asphalt $72,547. Noted Aug. 20.

Ind., Ft. Wayne—Oct. 3, by Comrs. Allen Co., grading, paving Duglay Rd. $186,000. Noted Sept. 20.

Ind., Vevay—Oct. 1, by Comrs. Switzerland Co., constructing Harry O. Tapp et al., Co. Unit Rd. $39,270.

Michigan—Oct. 2, (extended date), at office, City Clerk, Saginaw, widening, concrete paving 2.757 mi. MO73-6, C-1, 20 ft., Saginaw Co., for State Hy. Dpt., Lansing. Noted Sept. 13.

Michigan—Oct. 4, (extended date), by R. A. Beers, resident engr., Kalamazoo, concrete or asphalt paving 3.632 mi. MO11-28, Contr. 1, 40 ft., Berrien Co., for State Hy. Dpt., Lansing.

Michigan—Oct. 18, by R. A. Beers, resident engr., Kalamazoo, concrete paving 2.013 mi. MOS-18, Contr. 3, 20 ft., Barry Co., for State Hy. Dpt., Lansing.

Ill., Chicago—Oct. 2, by City at office Bd. Local Impvts., City Hall, grading, 7 in. concrete paving 2 alleys—grading, curbing, guttering, 8 in. concrete paving North Central Park Ave.—grading, curbing, guttering, asphalt on 6 and 8 in. concrete paving West 99th, 100th, 101st, 102nd Places, Palmer, 50th, West 99th, 100th, 101st and 102nd Sts., Kimball, Lockwood, Belden, Castello, Newcastle, North New England, North Nordica, North Neva and Princeton Aves. M. J. Faherty, pres.

Wisconsin—Oct. 2, by State and Sauk Co. Hy. Comns., Madison, grading 68,500 cu.yd. S. T. H. 13 and 23, Federal Aid Project 418-B. A. L. Hambrecht, div. engr.

Iowa—Oct. 2, by State Hy. Comn., Ames, grading, paving 10.33 mi. Road 59, P-601 Chickasaw Co.—5.427 mi. Road 98, P-326 Wapello Co.—13.252 mi. Road 61, P-461 Muscatine Co.—grading 0.947 mi. Road 73, P-129-A, Iowa Co.—0.991 mi. Road 32, P-583 Pottawattamie Co.—0.625 mi. Road 20, P-254-B, Hamilton Co.—10.651 mi. Road 2, P-568 Warren Co.—graveling 7.2 mi. Road 96, F-176 Tama Co.—1.86 mi. Road 77, P-128-B, Keokuk Co.—14.1 mi. Road 14, P-531 Marion Co.—10 mi. Road 55, P-439 Clayton Co.—7 mi. Road 10, P-69, O'Brien Co.—8.3 mi. Road 113, F-249-A, Delaware Co.—6.81 mi. Road 59, F-257 and 0.37 mi. Road 30, F-276 Tama Co.—6.12 mi. P-443 Linn Co.—25.02 mi. Road 11, P-488 Linn Co. R. F. White, hy. comr.

Tex., Dallas—Oct. 8, by C. E. Gross, aud. Dallas Co., Court House, grading Buckner Memorial Blvd.—paving East Grand Ave. —Barnes Bridge Rd.—Forney Ave.—constructing West Jefferson Extension Rd. $150,000. Rollins & Clinger, Court House, engrs.

Okla., Maud—Oct. 2, by F. Fowler, city clk., grading, concrete paving 20,900 sq. yd. King Ave. $71,000. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs.

Okla., Oklahoma City—Oct. 2, by J. W. Berry, clk. Oklahoma Co., grading 6 mi. Sect. 4 Jones Rd., 30 ft. $25,000—10 mi. Sect. 10 East Avenue G Rd., 30 ft., $25,000 —graveling 4 mi. Sect. 25, Spencer Rd., 20 ft., $25,000—4 mi. Sect. 16, May Avenue Rd., 20 ft., $25,000—3 mi. Sect. 10 East G Avenue Rd., 20 ft. $25,000. R. S. James, Court House, engr.

Arizona — Oct. 8, by State Hy. Comn., Phoenix, constructing Phoenix-Yuma Hy., Federal Aid Project 71 (reopened). W. C. Lefebvre, state hy. engr.

Washington—Oct. 9, by State Hy. Comn., Olympia **(S.R. means State Road)**, grading 187,990 cu.yd. S.R. 22, Stevens Co.—95,270 cu.yd. S.R. 5, Federal Aid Project 162-A, Lewis Co.—grading 71,780 cu.yd., graveling 1,020 cu.yd. S.R. 8, Skamania Co.—grading 99,190 cu.yd., crushed graveling 14,370 cu.yd. S.R. 2, King Co. S. J. Humes, state hy. engr.

Wash., Auburn—Oct. 10, by City Council, grading, 19,000 sq.ft. sidewalks on Main St. W. H. Fallgren, Auburn, engr.

California—Oct. 10, by State Hy. Comn., Sacramento, grading, oil treated gravel or stone surfacing 1.2 mi. Yolo Co.—grading, concrete paving 6 mi. Placer Co. C. H. Purcell, Pub. Wks. Bldg., Sacramento, hy. engr.

Calif., Beverly Hills—R. G. Martin, 1431 Santa Monica Blvd., taking bids curbing, sidewalks, sewers, street lighting system on Beverly Blvd. Sq., for R. A. Dallugge. To exceed $75,000.

Calif., Burbank—Oct. 9, by City Council, grading, curbing, asphaltic concrete paving 2 mi. Burbank Blvd. between Lake St. and west city limits. T. R. Mini, city engr. Noted Aug. 23.

Calif., Los Angeles—Oct. 8, by Supervs. Los Angeles Co. grading 7- to 10-in. concrete paving 275,952 sq.ft. Anaheim-Telegraph Rd.

Contracts Awarded

New Hampshire—State Hy. Dpt., Concord **(e.e. means engrs. est.)**, 6 in. rein.-con. on 3 in. gravel surfacing 1.588 mi. hy. in Salem, to W. F. Duffee, Haverhill, Mass., $45,-

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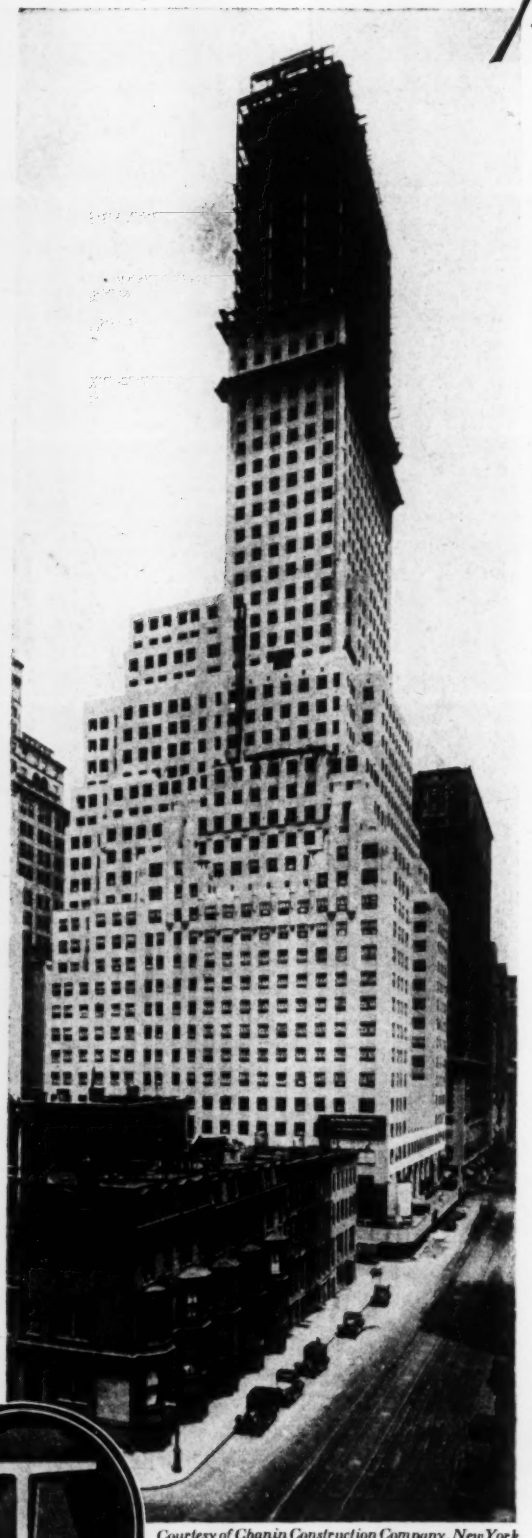
The Chanin Building, *New York*



Courtesy of Chanin Construction Company, New York.

The Chanin Building has 56 stories and is 702 feet in height. 15,000 tons of Bethlehem Sections were used in the steel framework.

The new Chanin Building is an impressive example of the tower office building. Like many other large buildings in cities of the United States, the Chanin Building has a steel framework constructed entirely of Bethlehem Wide-Flange Structural Shapes.

Bethlehem Wide-Flange Shapes—commonly known as Bethlehem Sections—are rolled on this Company's patented Grey Mills at Bethlehem, Pa., and Lackawanna, N. Y. When Bethlehem Sections were introduced, years ago, their economy in weight and in cost of fabrication was immediately recognized. Engineers, architects and contractors have extensively adopted these sections. They have been used in many prominent structures, not only in the United States but throughout the world.

33-inch and 36-inch Sections

Until recently the largest Bethlehem Section rolled had a depth of 30 inches. Today, however, this Company is rolling 33- and 36-inch Sections, extending the range of application of Bethlehem Wide-Flange Shapes and making it possible to more fully utilize their advantages and economies. These new deep Sections are having especially wide application in railway and highway bridges, as well as in building construction.

BETHLEHEM STEEL COMPANY

General Offices: Bethlehem, Pa.

District Offices:

New York Boston Philadelphia Baltimore Washington
Atlanta Buffalo Pittsburgh Cleveland Cincinnati
Chicago Detroit St. Louis San Francisco Los Angeles
Portland Seattle Honolulu

Bethlehem Steel Export Corporation, 25 Broadway, New York, Sole Exporter of our Commercial Products.

BETHLEHEM *Wide-Flange* STRUCTURAL SHAPES

Streets and Roads (Continued)

135 e.e. $60,000—6 in. one course rein.-con. on 6 in. gravel surfacing 3.2 mi. Franklin, to C. Bianchi, Framingham, Mass., $90,-415 e.e. $125,000—3 in. on 6 in. gravel surfacing 0.76 mi. Chesterfield, to Lincoln & Belding, Marlboro, Mass., $17,531 e.e. $28,000. Grand total $153,081.

Mass., Boston — Sheet asphalt or bitulithic paving Emmonsdale Rd., Ward 20, to M. DeMatteo, 14 Rowe Pl., Roslindale. Est. $25,000.

Mass., Boston—Dpt. P. Wks., sheet asphalt or bitulithic paving Brookdale Rd., to A. G. Tomasello & Son, Inc., 250 Stuart St., $23,669. Est. $25,000.

Mass., Boston—Dpt. P. Wks., sheet asphalt paving Barnes Ave., to A. G. Tomasello & Son, 250 Stuart St., $52,090.

Conn., Bridgeport—Bituminous macadam paving Union Ave., 4th and Seeley Sts., to Warren Bros. Co., 62 Cannon St. Est. exceeds $25,000.

N. Y., Albany—Bd. Contr. & Supply, City Hall, to M. F. Dollard, 36 State St., paving Van Woert St., $74,238; improving Bonheim St., $11,608; Harvard Ave. $10,862—to E. V. Carey, 76 Walter St., Center St. $10,054—to E. B. Stevenson, 443 Bway., Woodlawn Ave., $50,988; View Ave., $20,-123; Leighton St., $9,376; repaving Columbia St. $28,783—or Campion Constr. Co., 21 Cuyler Ave., sewer in Clayton Pl. $5,439; in Southern Blvd. $932—to V. DiGuilo, 80 Madison Ave., under south side Fairview Ave. $946. Grand total $233,440.

N. Y., Buffalo—G. Fisk, comr. P. Wks., Municipal Bldg., to Brayer Bros., 1515 William St., grading, sheet asphalt on 8 in. concrete paving Seneca St. from Babcock St. to Erie R.R. Subway, $13,579; Seneca St. from Main to Michigan Sts. $14,819; Seneca St. from Michigan to Spring Sts. $29,030; Williams St. $34,297; Virgil St. $10,162—Rock Asphalt Constr. Co., Morgan Bldg., Parkside Ave. $32,229—to H. P. Burgard, 1968 Fillmore Ave., Kerns Ave. $15,618; Main St. $16,880. Grand total $166,614.

N. Y., Long Island City—B. M. Patten, pres. Queens Boro, Queens Subway Bldg., grading Foch Blvd., to Flushing Contg. & Eng. Co., 66 Wyoming Ave., Flushing, $52,-553—46th St., to Slattery Contg. Co., 10 East 43rd St., New York, $6,436—sidewalks on Laurel Hill Blvd., to Welsh Bros. Contg. Co., 32 Queens St., Astoria, $280—sheet asphalt on concrete paving road area, to W. P. McDonald Constr. Co., Lawrence St., Flushing, $115,222—DeBoe Pl., to Boro Asphalt Co., 1301 Metropolitan Ave., Brooklyn, $7,050. Grand total $181,541. Noted Aug. 30.

N. Y., New York — H. Bruckner, pres. Bronx Boro, Crotona Park, 3rd and Tremont Aves., to C. D. Beckwith Constr. Co., Seneca Ave. and Edgewater Rd., sheet asphalt on concrete paving Corlear Ave. $8,839; Mace Ave. $6,423; to Asphalt Constr. Co., 2197 Madison Ave., East 156th St. $15,416; Barnes Ave. $12,755; Southern Blvd. $34,108; Radcliffe Ave. $10,836; to Bronx Asphalt Co., Underhill Ave. $8,659; East 205th St. $10,205; to L. DeMinna, 2366 Lorillard Ave., grading Croes Ave. $9,488; Purdy St. $14,845; to Hauschild Constr. Corp., 51 East 42nd St., Wilder Ave. $10,629; to M. Del Balso, 2551 Cruger Ave., Croes Ave. $5,802. Grand total $148,005. Noted Aug. 30.

N. J., East Orange — Bd. City Council, City Hall, sheet asphalt on Telford paving Bedford St., to Loprete Asphalt Co., 423 Amherst St., $30,510. Noted Sept. 6.

N. J., Jersey City—Bd. City Comrs., City Hall, sheet asphalt paving Green and Hudson Sts., to Lettiere & Bellezza, 921 Bergen Ave., 100% est. $25,000.

N. J., Lyndhurst (br. Rutherford)—Bd. Town Comrs., Town Hall, grading, 6 in. bituminous macadam paving Lafayette Pl., Kingsland Ave. and 2nd St., to A. Weyersberg, 634 Valleybrook Ave., $26,525.

N. J., Newark — Bd. City Comrs., City Hall, grading, Grand Ave., University Pl., paving Orange, Oak and Hudson Sts., to Standard Bitulithic Co., foot Brill St., $32,224.

N. J., North Bergen (Ind. br. West New York)—Twp. Comn., Town Hall, sheet asphalt on concrete paving Hoyer St., to Clinton Asphalt Co., 308 16th St., Union City, $17,133; Virginia Ave., to R. Mazzoni, 566 9th St., West New York, $12,104. Noted Sept. 6.

Pa., Phila. — Dpt. P. Wks., Bureau of Hys., to R. B. Wenner, 2819 Gordon St., grading Aramingo St. $4,320, Markland and Maywood Sts. $798—to J. Ciccone, 5732 Westminster St., Cayuga, Courtland, H, Louden, Penhurst, Shelburne and Weymouth Sts. $32,832—to Frank Mark Contg. Co., Castor and Winghocking Sts., Frontenac and Loretto Sts. $2,684—to Morrissey Bros., 4336 North Marshall St., Kemble St. $778—to Mazzola & Marano, 739 South 7th St., improving Bartram and 78th Sts. $14,009; Brewster St. $2,704; Buist, Este and Dicks Sts. $15,070; Emerson, Hoffnagle, Loretto, Ripley and Stanwood Sts. $17,136; Erwig and Laycock Sts. $10,764; Grovers and Guyer Sts. $8,442; Holstein and Lisser Sts. $4,191; Lindbergh and 78th Sts. $3,210; Madison St. $11,742; 75th and 76th Sts. $4,163; 87th St. $1,740—to Wilson-Martin, Inc., 1501 North 2nd St., Borbeck and Hartel Sts. $13,287; Fuller St. $3,655—to Acchione Contg. Co., 1617 McKean St., Frontenac and Lansing Sts. $20,-760—to Curtis Bros., 6640 State Rd., Glenview and Palmetto Sts. $8,977; Lardner, Oakley and Palmetto Sts. $10,283— to Fish-Rutherford, Inc., 4058 Chestnut St., Knorr St. $7,958; 63rd St. $16,323—to F. A. Caruso & Son, 804 South 12th St., Wellington St. $8,443. Grand total $253,069.

Pa., Phila. — Dpt. P. Wks., Bureau of Hys., to Duffin Bros., Penn and Womrath Sts., grading Battershy and Saskett Sts. $6,452; Belgrade, Edgemont, Martha, Memphia, Pickwick and Silver Sts. $2,702; Comly St. $2,738; Edison St. $7,527; Sackett, Hawthorne and Magee Aves. $6,602—to J. F. Molloy, 15 East Mermaid Lane, Broad St. $1,266; Thorps Lane $1,506—to Morrissey Bros., 4336 North Marshall St., Camac St. $774; Connell, Durham, Forrest, Greenwood, Gorgas, Mayland, Mohican, Mt. Pleasant, Nolan and Pickering Sts. $19,186; 6th St. $2,690—to J. Herzog, 4314 Old York Rd., Temple Rd., Connell, Durham, Fayette, Mohican, Pennfield, Rugby, Williams and Lowber Sts. $26,863; Tabor Rd. $8,813—to R. B. Wenner, 2819 West Gordon St., Ditman St. $13,191—to T. L. Flannagan, 531 East Girard St., Duffield St. $637—to T. P. Lee, 5629 Cherry St., Edgemore and Kenmore Rds. $2,183—to E. A. Mullen, Inc., 5512 Vine St., Woodcrest St. $1,044—to Mack Paving & Constr. Co., Nicetown Lane and Luzerne St., paving (assessment work) Bridge St. $6,260; Bristol St. $10,459; Chew St. $13,923; Large St. $6,893; Louden St. $5,782; Pickering St. $17,459—to Barber Asphalt Co., Hunting Park Ave., Graham, Redfield and Salford Sts. $12,-975; Haverford St. $37,986; Tulip and Memphis Sts. $15,947; Ontalauna St. $16,-999; Opal St. $6,683; Overbrook St. $9,442; Oxford St. $10,269; Rowland St. $41,268; Ruby St. $3,968; Tulip St. $9,766; Vankirk St. $5,487; 58th St. $7,877; 66th St. $18,348—to Municipal Constr. Co., Washington Sq. Bldg., Kenwyn St. $4,684; Lawrence St. $2,696; McKean, Snyder, 26th and 27th Sts. $56,861, asphalt repaving Montrose and Webster Sts. $3,180; Tryon St. $2,387—to Eastern Asphalt Co., Penna Bldg., paving (assessment work) Luzerne St. $32,890; Upland Way $16,810; asphalt repaving Pennsylvania Ave. $92,-498—to Wilson-Martin, Inc., 151 North 2nd St., improving Aldine Rd. $3,178; Viasta Rd. $5,606—to Curtis Bros., 6640 State Rd., Alicia Rd. $3,154; Burholme Rd. $6,703; Chandler Rd. $2,881; Devereaux and Shelborne Rds. $7,196; Ferndale and Fuller Rds. $6,078; Northumberland Rd. $4,876; Robbins and Shelborne Rds. $8,560; Stevens Rd. $2,130; Tyson Rd. $11,005—to F. A. Caruso & Son, 804 South 12th St., Bradford, Eastwood and Ripley Rds. $15,-147; Lexington and Ryan Rds. $22,670—to M. Y. Neely, Inc., Bushleton, Cheltenham Rd. $5,243—to Mazzola & Marano, 739 South 7th St., Geneva and Westford Rds. $8,016; River Rd. $24,052—to Atlas Paving Co., 317 South 6th St., redressed granite block repaving Beck and Hancock Sts. $5,847; Hutchinson and Rodman Sts. $2,682; Norfolk St. $2,641—to C. G. Centrone, 520 North 65th St., Delancey St., $9,693; Richmond St. $36,030—to J. Valvucci, 512 North 65th St., Snyder St. $70,-739—to J. Rocco, 1825 South 8th St., curbing and footway work (to be paid by city) $3,793. Grand total $849,880. Noted Aug. 23.

Pa., Phila.—See "Sewers."

Pa., Phila. — Dpt. P. Wks., Bureau of Hys., to T. Flanagan, 531 East Girard Ave., grading American and Bodine Sts. $3,933—to Duffin Bros., Penn and Weymouth Sts., Bennington and Lawndale Sts. $1,613; Stiles St. $582—to Morrissey Bros., 4336 North Marshall St., Bennington, Dungan and Palmetto Sts. $1,150; Williams St. $431—to R. B. Wenner, 2819 West Gordon St., Lindbergh Blvd., Dorel, Eastwick, Guyer, 68th, 78th and 72nd Sts., $2,960—to Gallagher & Bergan, 4300 Flemming St., Harner St. $1,094—to Wilson-Martin, Inc., 1501 North 2nd St., Hegerman St. $2,827—to M. Leewright, 424 Seville St., Pechin St. $4,518—to S. C. Ratzell, Limekiln and Haines Sts., Walnut Lane $1,490—to Barber Asphalt Co., Hunting Park Ave. E., asphalt paving (assessment work), Aldine and Bleigh Sts. $20,249; 20th St., 74th and Cedar Park Aves. $26,914; Chew St. $29,-122; Dickens St. $5,394; Ellet St. $13,832; Loretto St. $22,418; asphalt repaving Ashmead St. $10,581; 18th and 19th Sts. $20,-436—to Montgomery Paving Co., Harrison Bldg., asphalt paving (assessment work) Bridge St. $6,012; Jackson St. $14,962 Spencer St. $8,963—to Municipal Constr. Co., Washington Sq. Bldg., Chelten St. $5,985; Duffield St. $8,675, Frontenac St. $7,163; 16th St. $2,991, asphalt repaving Marvine St. $5,986; Pennsylvania Ave. $93,448; Porter St. $14,523; Tryon St. $21,-891; 18th St. $7,180—to Mack Paving & Constr. Co., Nicetown Lane and Luzerne St., asphalt paving (assessment work) Dyre St. $6,744; Godfrey St. $17,507; Pike St. $17,456—to Eastern Asphalt Co., Penn Bldg., Gowen St. $7,586; Mascher $16,589; Pike St. $5,266; Saybrook St. $5,266; Saybrook St. $5,481; 73rd St. $2,596; asphalt repaving Daly, Tree, Jackson and Winton Sts. $29,654—to F. A. Caruso & Son, 804 South 12th St., improving Afton and Faunce Sts. $7,808; Foster and Sanford Sts. $5,260; Hoff and Murray Sts. $7,719—to C. G. Centrone, 522 North 65th St., Whitemarsh St. $4,428; redressed granite block repaving Walnut Lane $26,514—to Acchione Contg. Co., 1607 McKean St., Peel and Williams Sts. $2,059—to Union Paving Co., 123 South 21st St., track area 20th St. $17,974; repaving Bensalem Ave., Branch of Roosevelt Blvd. $399,134. Grand total $554,062. Noted Sept. 6.

Maryland — State Roads Comn., Baltimore, concrete shoulders, concrete paving 2.1 mi. Baltimore Co., to P. Reddington & Son, 2 East Lexington St., Baltimore, $33,-354—concrete paving 0.8 mi. Prince George Co., to Southern Maryland Contg. Co., 14 East Lexington St., Baltimore, $14,099. Noted Aug. 30 and Sept. 6.

Miss., Vicksburg — Warren Co., improving 0.81 mi. Project 184-D, to W. H. Shons Co., Freeport, Ill., $78,000; 1.177 mi. Project 201-A, to Clar & McCan, Port Gibson. Noted Aug. 30.

Kentucky—State Hy. Dept., Frankfort, grading 6.375 Harlan Co., to Garrard & Patterson, Barboursville, $121,555—18.676 mi. Lewis Co., to Sammons & Queen, Louisa, $168,809—rein.-con. paving 5.313 mi. Boone Co., to Ashland Supply Co., Ashland, $131,-429—traffic bound sandstone surfacing 7.47 mi. Bell Co., to F. W. Graham, Pineville, $44,983. Grand total $466,776. Noted Aug. 29.

Ohio — H. Kirk, dir. Hys., Columbus, brick paving 5.922 mi. Sect. "S" Columbus-Portsmouth Rd., Pickaway Co., to W. H. Ringwald Co., Chillicothe, $217,000. Former contract rescinded. Noted Sept. 13.

O., Cincinnati—Grading, curbing, sidewalks, bituminous macadam paving 3.200 sq.yd. and concrete paving 1,100 sq.yd. Vista Ave., to United Constr. Co., Lyric Theatre Bldg., $60,135. Est. $67,600. Noted Sept. 13.

O., Cleveland — Sheet asphalt paving Eagle Ave. Ramp, to Cleveland Trinidad Paving Co., Western Reserve Bldg., $25,608.

O., Garfield Heights (br. Cleveland) — For 2½ in. brick paving East 95th St., to Enterprise Paving & Constr. Co., 8444 Bway., Cleveland, $9,763; Oak Park Ave., to Thorpe Constr. Co., Hippodrome Bldg., Cleveland, $43,192.

O., Parma (br. Cleveland)—Concrete curbing, concrete paving Russell Ave., to F. A. Stolfus, Western Reserve Bldg., Cleveland, $29,556; 4 avenues, to Baldwin Bros., 4500 Euclid Ave., Cleveland, $44,664. Noted Sept. 6.

Ind., Alexandria — Madison Co. (Anderson), asphalt on brick paving 1 mi. Harrison St., 32 ft., to J. P. Fisher, Logansport, $26,000. Est. $30,000.

Ind., Lebanon—Boone Co., concrete paving McConnaha Rd., to G. L. Turck Co., $16,212—Jackson Rd., to R. Wall, $10,902—F. A. Loose Rd., to B. Williams, $9,971—Sunderland Rd., to Kernodle & Fulwider, $10,418, all in Lebanon. Grand total $47,-503. Noted Aug. 30.

Michigan—State Hy. Dpt., Lansing, rein.-con. paving 1.792 mi. Project 133-D, Waxford Co., to Golberg Constr. Co., Inc., Mackinaw City, $51,468.

Michigan—At office City Clerk, Hastings, concrete paving 0.633 mi. MO8-20, C-1, 20 and 28 ft., Barry Co., to W. Neal & Son, Galesburg, for State Hy. Dpt., Lansing. $30,008 incl. cement. Noted Aug. 16.

Michigan—R. A. Beers, resident engr., Kalamazoo, concrete paving 6.7 mi. MO8-19, C-1, 20 ft., Barry Co., to J. G. McCarvy, Royal Oak, for State Hy. Dpt., Lansing, $249,890 incl. cement. Noted Aug. 9.

Michigan—E. R. Benkert, resident engr., Port Huron, concrete paving 1.009 mi. MO 74-31, 20 to 50 ft., to Deckerville Constr. Co., Deckerville, $51,916; 0.994 mi. MO 74-13, C-1, 20 and 40 ft., to Murray & Fremont, Inc., Bad Axe, $53,219, for State Hy. Dpt., Lansing. Noted Aug. 23.

Michigan—A. R. Schaefer, resident engr., Newberry, two course graveling 6.864 mi. MO75-15, C-1, 16 ft., Schoolcraft Co., to State Constr. Division, Lansing, for State Hy. Dpt., Lansing. $60,000. Noted Aug. 9.

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Streets and Roads (Continued)

Mich., Muskegon—I. L. Christiansen, city clk., concrete curbing, guttering, concrete paving 13,200 sq.yd. 7th and Park Sts., and curbing, guttering 2,800 ft. Sanford St., to L. C. Monroe, Nims and Wood Sts., $23,529 (city furnishes materials), and $7,454 respectively. Est. $45,000 and $10,000 respectively.

Mich., Lincoln Park (mail Detroit)—Concrete curbing, guttering, concrete paving 10,000 sq.yd. Special Dists. 150, 153 and 155, to Bishop & Weir, 955 East Jefferson Ave., Detroit, $30,000. Est. $30,000.

Ill., Burnham — Concrete paving 57,185 sq.yd., to Krenn & Dato, 926 North Michigan Ave., Chicago, $284,865.

Ill., Evanston—Bd. Local Impvts., to M. Foley Co., Evanston, grading, curbing, guttering, sewers, concrete paving 12,090 sq.yd. and brick paving 180 sq.yd. Orrington Ave., $57,574—to Cannell-Conrad Constr. Co., Evanston, 1,632 ft. 6 in. salt glazed house drains in Fowler Ave., $1,387; 1,632 ft. 1½ in. extra strong lead water pipe in Fowler Ave. $2,016; 4,100 ft. 6 in. c.i. mains in 4 streets, $7,390. Grand total $68,367.

Ill., Niles Center—Concrete paving 32,460 sq.yd., to Arcole Constr. Co., Evanston, $127,349. Noted Aug. 2.

Ill., Oak Lawn—For 40,000 sq.ft. sidewalks, to West Englewood Supply & Constr. Co., 6239 South Ashland Ave., Chicago, at $0.28 per sq.ft.; 38,240 sq.yd. sidewalks, to J. C. Jensen & Sons, 163 West Washington St., $0.27 and $0.29.

Ill., Riverside — Concrete paving 14,000 sq.yd. Fairbanks and Scottswood Rds., to T. J. Crowley Constr. Co., 3541 Ogden Ave., $64,951. Noted Aug. 2.

Minn., Minneapolis—A. P. Erickson, aud. Hennepin Co., asphaltic concrete paving 0.7 mi. Project 840, Rd. 7, to Fielding & Shepley, 216 University Ave., St. Paul, $24,720. Noted Aug. 23.

Ia., Dubuque—Grading, curbing, concrete paving 4 streets, to Ulrich-Paley Co., Dubuque, $20,675; 3 streets, to J. F. Lee Co., Dubuque, $16,289.

Ia., Keokuk—Paving and repaving 26,040 sq.yd., to Cameron-Joyce-Smith-Elder Co., Keokuk, at $1.51 per sq.yd. Noted Aug. 23.

Mo., Higginsville — R. A. Buscher, city clk., 6 in. concrete paving 8,368 sq.yd. Blackstone and Boggs Sts., to E. Vermillion, Higginsville, $21,960. Noted Aug. 23.

Mo., Kirkwood—W. J. Donworth, city clk., to Bangert Bros., 44A South Florrissant Rd., 8 in. telford macadam on 3 in. waterbound macadam paving Ann Ave. $820; Pearl Ave. $624; bituminous surface treating Gayer Rd. $856—to Industrial Track Constr. Co., Title Guaranty Bldg., St. Louis, 8 in. telford macadam on 3 in. waterbound macadam, Dickson Circle and Amherst Ave. $2,897—to J. Steuby, 473 South Van Buren St., concrete paving 3,801 sq.yd. Caroline Ave. $10,738; 4,766 sq.yd. Van Buren Ave. $10,667; 3,850 sq.yd. Bach Rd. $11,689. Grand total $38,291. Noted Aug. 30.

Mo., St. Joseph—Concrete paving 2,932 sq.yd. Monterey St. and 3,309 sq.yd. 34th St., to Bridgford Constr. Co., 10th and Jackson Sts., $8,596 and $8,717 respectively—2,490 sq.yd. 17th St., to P. P. Young, 4209 St. Joseph Ave., $5,924—1,579 sq.yd. Krug Park Pl., to Land Constr. Co., Corby Bldg., $3,414. Grand total $26,641.

Mo., St. Louis—Bd. P. Serv., City Hall, grading, concrete paving 6 alleys, to Evermann Contg. Co., 1210 South Grand Blvd. $15,979—2 alleys, to William A. Riley, 110 North 7th St., $4,719—6 alleys, to Alfred Lewald, Inc., 6025 West Cabanne Ave., $23,877—sewers in Ellendale Dist. 3, to F. M. Luth, 4135 Elora Ave., $1,747. Grand total $46,322. Noted Aug. 9.

Ark., Paris—Grading, curbing, rein.-con. paving 3½ mi. Street Impvt. Dist. 2, to G. Garmes, Rector Building, Little Rock, $150,000.

Ark., Searcy—Paving streets, to Hogan Constr. Co., foot Auction Ave., Memphis, Tenn., $32,000. Noted Aug. 30.

Tex., Dallas—Dallas Co., 7 in. gravel concrete paving 90,000 sq.yd. Memorial Blvd., to James Constr. Co., Athletic Club Bldg., $221,642. Est. $190,000. Noted Aug. 20.

Okla., Oklahoma City — Oklahoma Co., grading 6 mi. Road 16, to Maney & Alley, Empire Bldg., $20,300. Est. $26,000.

Utah—State Hy. Comn., Salt Lake City, grading 6.798 mi. Projects 87A and 86A, Toole Co., to Provo Constr. Co., Provo, $23,506; grading bridging 10.308 mi. Project 77-B, Sevier Co., to B. D. Palerevmore, Springville, $65,678.

Washington—State Hy. Comn., Olympia, screened graveling 4,360 cu.yd. Klickitat Co., to T. J. Redman & Son, P. O. Box 438, Yakima $5,981 — grading 155,000 cu.yd. Kittitas Co., to J. A. Tertling & Sons, Moscow, Idaho, $53,823 — 112,500 cu.yd. Ferry Co., to Crick & Kuney, 402 Realty Bldg., Spokane $56,335 — 195,500 cu.yd. State Rd. 2, Kittitas Co., to A. Besoloff, 1715 12th Ave., Seattle $89,136. Grand total $205,275. Noted Aug. 23.

Wash., Seattle — Comrs. King Co. constructing 1⅓ mi. Issaquah-Hobart Rd., to Northwestern Constr. Co., Skinner Bldg., $24,940.

California—C. H. Purcell, state hy. engr. Sacramento, grading, oil surfacing 2.2 mi. San Joaquin Co., to Mankel & Starring, 2924-35th St., Sacramento, $29,292; grading, oil treated crushed stone or gravel surfacing 22.1 mi. Riverside Co., to G. Herz & Co., 456 E St., San Bernardino, $292,899. Noted Aug. 23.

Calif., San Diego — Common Council, 6 in. asphaltic concrete paving 228,361 sq.ft. Mountain View Dr. and other streets, to V. R. Dennis Constr. Co., 3911 5th Ave., $89,900. Noted Aug. 30.

Calif., San Diego—Grading, curbing, asphaltic concrete on concrete paving Garnet St., to R. E. Hazard Contg. Co., 2548 Kettner Blvd., $77,459—42nd, 43rd and Van Dyke Sts., to B. Pearce, 4307 Logan Ave. $48,989—College and High Sts., to Watson & Sutton, Nowell Bldg. $55,784. Grand total $182,232. Noted Sept. 6.

Calif., San Francisco—Bd. P. Wks., sidewalks, 3 in. asphalt paving Alemany Blvd., to Henrahan Co., Standard Oil Bldg., $49,885; asphalt on concrete paving streets in Glen Park Terrace, to Municipal Constr. Co., Call Bldg., $31,453.

Calif., San Francisco—Bd. P. Wks., grading, 3 in. asphalt paving Bay Shore Blvd., Contr. 7, and Contr. 5, to Granfield, Farrar & Carlin, 67 Hoff Ave., $212,805 and $66,550 respectively. Noted Sept. 13.

Calif., San Francisco—Paving 2,100 ft. Kezar Stadium Roadway in Gold State Park, 60 ft., to J. M. Smith, 750 Ocean Ave., $55,161. Noted Sept. 27.

Ont., Ottawa—Asphalt paving Rideau St. and Bronson Ave., to Standard Paving Co. Ltd., Central Chambers, Elgin St., $142,829.

B. C., Vancouver — Concrete paving, to Harrison & Lamond, 615 Hastings St., $6,863—to Armstrong, Morrison Paving Co., 543 Granville St., $5,296—to Hodgson King & Worble, 626 Pender St. W., $11,685—to Carter-Halls-Aldinger Co. Ltd., 500 Beatty St., $15,612—to Dawson Wade & Co., 500 Beatty St., $9,460—to King Moncrieff Co. Ltd., 207 Hastings St. W., $4,959—asphaltic concrete on rock paving Bway. W., to Columbia Bitulithic Ltd., 500 Beatty St., $40,793. Grand total $94,668.

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Buildings—Industrial

Proposed Work

Mass., Bridgewater—POWER PLANT—Commonwealth of Massachusetts, Dpt. Educ., Boston, revised plans by Henry & Richmond, 12 West St., Boston, rebuilding 1 story, brick, plain found., at State Normal School. $80,000. Former bids rejected. R. D. Kimball Co., 6 Beacon St., Boston, engrs. Noted July 5.

Mass., Chelsea (br. Boston)—FACTORY—Raffi & Swanson, 22 Customs House, Boston, plans by W. T. Littlefield, 9 Hamilton Pl., Boston, 1 story, 50 x 65 ft., rein.-con., brick, steel, plain found., 1016 Bway. $40,000.

Mass., New Bedford—SERVICE and REPAIR—National Biscuit Co., 92 Water St., 1 story, 75 x 100 ft., brick, plain found., Merrimac St. $40,000. Private plans.

Mass., Provincetown — ASSEMBLY PLANT — See "Unclassified."

R. I., Providence—PLANT—Tar Products Corp., 99 Empire St., sketches plant. $40,000. E. W. Clark, c/o owner engr.

N. Y., Brooklyn—CINDER REDUCING METAL PLANT—Improved Cinders Co., 90 West St., New York, plans by Kleinert & Klie, 250 Park Ave., New York, 2 story, 24 x 132 ft., Van Dam St. and Newton Creek. $50,000.

N. Y., Brooklyn—FACTORY—C. Pfizer & Co., 11 Bartlett St., plans by H. Holder, 242 Franklin Ave., 7 story factory, Harrison and Gerry Sts. $300,000.

N. Y., Brooklyn—FACTORY—Metropolitan Constr. Co., C. Simonelli, pres., 597 Metropolitan Ave., plans by Lospla & Samenfeld, 269 Bway., 3 story, 50 x 100 ft. addition, Metropolitan Ave. and Catherine St. $45,000.

N. Y., Brooklyn—FACTORY—Paulruth Trading Corp., S. Miller, pres., 729 Crown St., plans by S. J. Fox, 66 Court St., 1 story, 100 x 400 ft., brick, Orient and Morgan Aves. $150,000.

N. Y., Brooklyn — FACTORY — Steel Tubes, Inc., J. L. Sussman, pres., Scott Ave. and Meserole Sts., plans by Austin Co., 1220 Jefferson Bldg., Phila., Pa., 1 story, brick, Scott Ave. and Montrose extension. $40,000.

N. Y., Brooklyn—FACTORY—W. Higginson, archt., 101 Park Ave., New York, bids after Oct. 1, factory, Gold and Marshall Sts., for Natl. Lead Co., 111 Bway., New York.

N. Y., Brooklyn—PUMP HOUSE, etc.—Brooklyn Union Gas Co., pump house, $13,000, Koppers Constr. Co., Union Trust Bldg., Pittsburgh, Pa., engrs.; truck scale house, $13,000, by Bartlett-Hayward Co., 200 Scott St., Baltimore, Md., engrs. Total work $200,000.

N. Y., Brooklyn—SERVICE GARAGE—Louis Sarkin, 1744 East 1st St., plans by Cohn Bros., 361 Stone Ave., 2 story, 70 x 196 ft., Prospect Park West and 6th Ave. $60,000.

N. Y., Brooklyn—SERVICE GARAGE—Weisbraun Realty Corp., S. Braun, pres., 435 Beach 36th St., Edgemere, plans by H. J. Nurick, 44 Court St., 1 story, 150 x 175 ft. service garage, Erasmus St. $70,000.

N. Y., Hollis (br. Jamaica) — SERVICE GARAGE — C. Hedwig, 98-02 195th St., bids in October general and separate contracts 80 x 97 ft., brick, concrete, 195th St. and 98th Ave. $50,000. E. Guterman, 164 Montague St., Brooklyn, archt. Noted Sept. 20.

N. Y., Long Island City—GARAGE and GAS STATION—B. Gunlach, archt., 597 5th Ave., New York, bids in November, 3 story, 125 x 168 ft., brick, concrete, Parkson Blvd. and Hillside Ave., for Nash Queens Motor Co., 94-30 Merrick Blvd., Jamaica. $250,000. Noted Sept. 6.

N. Y., Long Island City—PLANT—Careful Rug Cleaning Co. soon takes bids 2 story, basement, mezzanine, 30 x 200 ft., rein.-con., South Jane, Marion and Sherman Sts. $200,000. Lockwood Greene Engineers, Inc., 100 East 42nd St., New York, archts. and engrs.

N. Y., New York—BAKERY—Goldsam Realty Corp., S. Silverman, pres., 135 Bway., bids early in October general or separate contracts 1 story bakery, Sedgewick and Van Courtland Aves. $60,000. Franklin, Bates & Heindsmann, 2526, Webster Ave., archts. Noted Sept. 20.

N. Y., New York — BAKERY — General Baking Co., 420 Lexington Ave., plans by C. B. Comstock, 110 West 40th St., 2 story, 120 x 200 ft. bakery, Bronx Blvd. and Rosewood St. $75,000.

N. Y., New York—GARAGE and GAS STATION—Waltmare Realty Corp., A. S. Ellicot, pres., 274 Madison Ave., plans by Bark & Djorup, 1341 Bway., two 2 story, brick, concrete, 205 Sherman Ave. $125,000.

N. Y., Oswego — CHEMICAL PLANT — Floyd L. Carlisle & Co., 15 Broad St., New York, sketches chemical plant. $500,000.

N. J., Newark — SUB-STATIONS — Pub. Serv. Electric & Gas Co., 80 Park Pl., plans by Pub. Serv. Production Co., 80 Park Pl., 2 story, basement, 40 x 70 ft., 1223-9 Broad St., $60,000, and 2 story, basement, 100 x 112 ft., 304-12 Norfolk St., $75,000, both brick, steel. Noted Sept. 20.

N. J., Morristown — REPEATER STATION—Voorhees, Gmelin & Walker, archts., 101 Park Ave., New York, soon let contract 4 story, basement, 45 x 75 ft., brick, steel, plain found., for American Telephone & Telegraph Co., 195 Bway., New York. $100,000.

N. J., Newark — MANUFACTURING — Delagrave Co., 829 Bway., revised plans by W. Clifford, Jr., 293 Morris Ave., Elizabeth, general contract 3 story, basement, 45 x 100 ft., brick, rein.-con., brick, steel, Oraton St. $40,000. Former bids rejected. Noted Sept. 20.

N. J., West New York — LAMP FACTORY—Brinkerhoff Electric Co., New York, plans by Lockwood Greene Engineers, Inc., archts. and engrs., 100 East 42nd St., New York, 2 story, basement, 70 x 180 ft., brick, timber, 11th St. and Schley Pl. $200,000.

O., Alliance—FACTORY—Morrison Jack Co., F. A. Hailes, pres., soon takes bids addition. $40,000.

O., Cleveland—MACHINE SHOP—Cleveland Cutter & Reamer Co., 7406 Madison Ave., 1 story, 39 x 79 ft., brick, addition. $40,000. Private plans.

Ind., South Bend—FACTORY—Studebaker Corp. plans by Lockhart & Fett, 457 Associates Bldg., 1 story, 62 x 302 ft., brick, steel. $75,000.

Mich., Detroit—FACTORY—Fisher Body Corp., General Motors Bldg., rein.-con., brick, plain found., Beaubien St. Private plans.

Mich., Detroit — PLANT — Briggs Mfg. Co., 11631 Mack Ave., plans by A. Kahn, 1000 Marquette Bldg., 1 story, 80 x 100 ft., concrete, steel top addition, Mack Ave.

Mich., Saginaw — SUB-STATION — Consumers Power Co., Jackson, plans by A. Kahn, Inc., 1000 Marquette Bldg., Detroit, 1 story, basement, 48 x 70 ft., brick, steel, plain found. $220,000.

Buildings—Industrial (Continued)

Neb., Omaha—COLD STORAGE—Jerpe Cold Storage Co., 12th and Douglas Sts., soon takes bids 4 story, 66 x 66 ft., rein.-con., brick, 1116 Douglas St. $50,000. J. T. Allen & N. S. Wallace, Brandeis Theatre Bldg., archts.

Calif., Emeryville — FACTORY — Fisher Body Corp., Genl. Motors Bldg., Detroit, Mich., 1 and 2 story, 63,000 sq.ft. floor space, brick, concrete, Park Ave., $150,000. Private plans. A. Johnson, c/o Apex Mfg. Co., Landregan and Powell Sts., Piedmont, in charge.

Calif., Sacramento—DISTRIBUTING and STORAGE PLANT—Richfield Oil Co., Bartlett Bldg., Los Angeles, distributing and storage plant, Sacramento River frontage, incl. steel storage tanks, warehouses, garages. Two steel boats to be constructed by Bethlehem Shipping Corp., San Francisco, $300,000 each. Total $1,000,000.

Calif., South San Francisco—FACTORY—Pacific Coast Steel Co., 111 Sutter St., San Francisco, 1 story, 160 x 500 ft. steel additions, $600,000 or more. Private plans.

Calif., Trona—RESEARCH LABORATORIES and OFFICE, etc.—American Potash & Chemical Co. plans by Parkinson & Parkinson, Title Insurance Bldg., Los Angeles, 2 story, basement, 50 x 170 ft., steel office and laboratory and 2 story, 128 x 200 ft. community center building.

Bids Desired

Mass., Boston—AUTO SALES and REPAIR GARAGE—Packard Motor Co., A. MacAuley, pres., East Grand Blvd., Detroit, Mich., taking new bids 4 story, 95 x 225 ft., rein.-con., steel, limestone, granite addition, plain found., 1897 Commonwealth Ave. Est. exceeds $40,000. A. Kahn, Inc., Marquette Bldg., Detroit, Mich., archt. Noted Sept. 20.

N. Y., Auburn—LAUNDRY—Oct. 9, by Commissioner Dpt. Mental Hygiene, Albany, laundry, at Auburn Prison; adv. E. N.-R. Sept. 27.

N. Y., Creedmoor (mail Jamaica) — BAKERY, GARAGE and STORAGE—Oct. 11, by Commissioner Dpt. Mental Hygiene, Capitol, Albany, bakery, garage, implement storage at Creedmoore Div. Brooklyn State Hospital; adv. E. N.-R. Sept. 27. Noted June 7.

N. Y., Marcy—BAKERY and LAUNDRY—Oct. 11, by Commissioner Dpt. Mental Hygiene, Capitol, Albany, bakery and laundry, at Marcy Div. Utica State Hospital; adv. E. N.-R. Sept. 27.

N. Y., New York—SERVICE GARAGE and APARTMENT — See "Contracts Awarded."

N. Y., New York—SERVICE GARAGE—See "Contracts Awarded."

N. J., Jersey City — DISTRIBUTION PLANT, WAREHOUSE and GARAGE — See "Contracts Awarded."

N. J., Newark—OIL PLANT—See "Contracts Awarded."

Va., Norfolk—Oct. 1, by C. B. Comstock, archt., 110 West 40th St., New York, 1, 2 and 3 story, 235 x 300 ft., brick, terra cotta, Gazelle Ave., 24th and 25th Sts., for General Baking Co., 420 Lexington Ave., New York. $200,000.

Ind., Indianapolis—FACTORY—Wheeler-Schebler Co., 1302 Barth Ave., taking bids brick, steel factory. $50,000. D. A. Bohlen & Son, 1001 Magestic Bldg., archts.

Mich., Detroit — FACTORY — Smith, Hinchman & Grylls, archts., 800 Marquette Bldg., taking bids and open same about Oct. 2, 2 story, basement, 150 x 824 ft., rein.-con., brick addition, plain found., Federal Ave., $125,000, for J. N. Smith Co., 5914 Federal Ave.

Mich., Detroit—FACTORY and OFFICE—Fisher Body Corp., General Motors Bldg., taking bids and open same about Oct. 1, 1 story 100 x 800 ft., factory, 2 story, 40 x 100 ft. office building, 1 story steam power plant, rein.-con., brick, steel, plain found., French Rd. $500,000. Private plans.

Ill., Chicago — FACTORY — Container Corp. of America, 111 West Washington St., bids about Oct. 16, brick addition, 900 Ogden Ave. $400,000. Francisco & Jacobs, 360 North Michigan Ave. and 511-5th Ave., New York, and 360 North Michigan Ave., archts. Noted Aug. 23.

Calif., Los Angeles — WAREHOUSE — Norton & Wallis, archts., Financial Center Bldg., taking bids 4 story, 50 x 140 ft., brick, Santee St., for M. Gottschalk & Son, c/o architects.

Contracts Awarded

Mass., East Boston (sta. Boston) — MANUFACTURING — Bethlehem Shipbuilding Corp., altering and constructing 3 story, brick, timber addition, plain found., 80 Border St., to Wilson & Tomlison, 201 Devonshire St., Boston. Est. $40,000.

Mass., Newton (Ind. br. Boston)—FACTORY—National Packaging Machine Co., 445 Watertown St., Newtonville, 4 story, brick addition, plain found., to F. L. Fox, 101 Milk St., Boston. Est. $40,000.

Mass., North Easton — PLANT — Ames Shovel & Tool Co., Main St., 1 story, 60 x 400 ft., concrete, brick, steel blade manufacturing plant, Main St., to H. S. Littlefield, 94 Myrtle St., Melrose. Est. $100,000.

Mass., Quincy (Ind. br. Boston)—SHOWROOM and REPAIR SHOP—J. Grossman, 19 Glendale Rd., 1 story, basement, 50 x 160 ft., brick, steel, Washington St., to R. R. Jabobucci, 16 Greenwood Ave., West Quincy. Est. $50,000.

Mass., Taunton—REPAIR GARAGE and SERVICE STATION—H. Jones, 93 Hart St., 1 story, basement, 75 x 100 ft., rein.-con., brick, steel, plain found., to L. M. Witherall, 29 Court St. Est. $40,000. Noted July 19.

Conn., Norwalk—SERVICE—Connecticut Light & Power Co., 107-11 West Main St., Waterbury, 1 and 2 story, 122 x 222 ft., brick, steel, Tindal Lane, to United Eng. & Constr. Co., Phila., Pa. Est. $250,000. Noted May 3.

N. Y., Garrison — REPAIR SHOP and SIGNAL STATION — New York Central R.R. Co., 466 Lexington Ave., New York. 1 and 2 story, concrete, to Walsh Constr. Co., 403 Herald Bldg., Syracuse.

N. Y., Long Island City—GARAGE and FACTORY—Sarkisan Realty Co., 13th St. and East River, 2 story garage and factory. Queens Blvd. and Van Pelt St., to Merola Bros., 2376 1st Ave., New York. Est $75,000.

N. Y., New York—FACTORY—L. A. Bagge & Sons, archts., 157 East 44th St., factory, to J. Langer, 608 Beach Terrace. Est. $100,000. Noted July 12.

N. Y., New York—FACTORY, LOFT and RESTAURANT—J. R. Thompson Co., Inc., 350 North Clark St., Chicago, Ill., 7 story, 27 x 84 ft., brick, timber, to Gillies Campbell Co., Bell Ave., Bayside, est. $50,000. Noted Aug. 30.

N. Y., New York—GARAGE—New York Railways Corp., 123 West 146th St., altering 2 story garage, 100th St. and Lexington Ave., to J. B. Robert, 949 Bway. Est. $90,000.

N. Y., New York—SALES and SERVICE—Packard Motor Car Corp. of New York, Bway and 61st St., 8 story, basement, 200 x 225 ft., rein.-con., steel, brick, terra cotta, 385,000 sq.ft. floor space, 11th Ave. between 54th and 55th Sts., to Turner Constr. Co., 420 Lexington Ave. Noted Mar. 15.

N. Y., New York — SERVICE GARAGE and APARTMENT—I. Sherman, 1136 Fox St., 4 story, 50 x 107 ft., brick, separate contracts. $55,000. Bleich & Gottlieb, 708 East Tremont Ave., archts. Noted Sept. 20.

N. Y., New York—SERVICE GARAGE—Whitlock Westchester Realty Corp., W. J. McCormick, 1050 Whitlock Ave., 1 story, 94 x 166 ft., brick, steel, concrete, separate contracts. $45,000. C. A. Pirice, 419 4th Ave., archt. Noted Sept. 20.

N. Y., New York—SERVICE GARAGE—C. Buckley, 224 Creston Ave., 2 story, 100 x 100 ft., brick, concrete, separate contracts $60,000. J. J. Dunnigan, 2382 Grand Concourse, archt. Noted Sept. 6.

N. Y., New York—SERVICE GARAGE—J. Reitano, Jr., 827 East 226th St., 100 x 100 ft., brick, steel, separate contracts. $600,000. F. J. Ross, 4200 White Plains Ave., archt. Noted Aug. 23.

N. Y., New York—SERVICE GARAGE—Varsity Realty Corp., H. Diamond, pres., 110 East 42nd St., 2 story, 77 x 130 ft., brick, concrete, separate contracts. $40,000. C. S. Clark, 441 East Tremont Ave., archt. Noted Sept. 6.

N. J., Asbury Park—MILK DISTRIBUTION PLANT—Alderney Dairy Co., 26 Bridge St., Newark, general contract 1 story, 65 x 70 ft., brick, steel, to J. Sutherland, 133 South 15th St., Newark. Est. $40,000. Noted Sept. 20.

N. J., Delawanna — MANUFACTURING LOFT and STORAGE — Waldrich Realty Corp., c/o Lockwood Greene Engineers, Inc., 100 East 42nd St., New York, general contract manufacturing loft and storage, to James Mitchell, Inc., 999 Bergen Ave., Jersey City. Est. $125,000.

N. J., Fairview — FACTORY — Bellman Brook Bleachery Co., Fairview Ave., general contract 2 story, basement, brick, steel addition, plain found., to A. A. LaFountain Co., Railroad Ave., Hackensack. Est. $400,000.

N. J., Jersey City — DISTRIBUNTION PLANT, WAREHOUSE and GARAGE — Pub. Serv. Electric & Gas Co., 80 Park Pl., Newark, 2 story, basement, 125 x 195 ft., rein.-con., brick, plain found., separate contracts. $250,000. Pub. Serv. Production Co., 80 Park Pl., Newark, archts. Noted Sept 8, 1927.

N. J., Jersey City — TERMINAL — Erie R. R. Co., R. C. Falconer, ch. engr., 50 Church St., New York, terminal building, to A. N. Spooner & Sons, 11 North River, New York. Est. $70,000.

N. J., Newark—OIL PLANT—Trenton Super Fuel Co., 8 Lister St., 2 story, basement, brick, steel, plain found., Lister St., separate contracts. $50,000. Private plans.

N. J., Paterson — SILK FINISHING PLANT—Lafayette Piece Dyeing Wks., 442 22nd St., general contract 2 story, basement, 60 x 100 ft., brick, steel, plain found., 444-50 22nd St., to J. Wesbrela, 444 22nd St. Est. $40,000.

Pa., Chester—PRINTING PLANT—F. C. Watson, archt., Crozer Bldg., 2 story, basement, 100 x 114 ft., rein.-con., brick, steel, plain found., 18th and Sproule Sts., to W. Provost, Crozer Bldg., for Jno. Spencer, Inc., 517 Edgemont St. Noted Sept. 6.

Pa., Phila.—CHEMICAL LABORATORY—Austin Co., engrs., 1015 Chestnut St., 3 story, basement, 30 x 60 ft., rein.-con., brick, plain found., Somerset St., to Farrell-Roth Co., 213 South 46th St., for E. F. Houghton Co., 240 West Somerset St. Noted Aug. 30.

Pa., Phila. — MANUFACTURING—Railway Track Work Co., East Thompson and Clementin Sts., 1 story, mezzanine, basement, 55 x 100 ft., rein.-con., brick, plain found., Tulip and Westmoreland Sts., to J. N. Gill Co., City Center Bldg.

Pa., Phila.—ICE PLANT—American Ice Co., 121 North Broad St. (subsidiary Knickerbocker Ice Co., 41 East 42nd St., New York), 1 story ice plant, Somerdale and Comlly Sts., to Sutton & Stephenson, 1317 Washington Ave. Est. $40,000 or more.

S. C., Columbia—POWER PLANT—General Gas & Electric Corp., 50 Pine St., New York City (subsidiary of M. S. Barstow & Co., Inc., 50 Pine St., New York), 3rd unit 30,000 kw. steam power plant at Parr Shoals, 40 mi. from here. Work to be done by Construction Dpt. W. S. Barstow & Co., 50 Pine St., New York.

Tenn., Dyersburg — COTTON MILL — Dyersburg Cotton Products Co., 3 story, 130 x 700 ft., incl. dye plant, warehouse and boiler plant, to Gauger-Korsmo Co., Fidelity Bank Bldg., Memphis, $400,000.

O., Cleveland — FACTORY, SHIPPING ROOM — Cleveland Wire Spring Co., East 49th and Howard Sts., 1 story, 120 x 122 ft. and 20 x 42 ft. brick, steel factory addition and shipping room, to Boldt-Rapp Co., 5511 Euclid Ave. Est. $100,000. Noted Sept. 6.

O., Cleveland—GARAGE—Ontario Street Land & Impvt. Co., J. E. Latimer, pres., Union Trust Bldg., 1 and 2 story, 120 x 220 ft., brick, steel, concrete, 1212 Carnegie Ave., to Vokes Co., Union Mortgage Bldg. Est. $75,000.

Mich., Detroit — FACTORY — Long Mfg. Co., 2768 East Grand Blvd., 2 story, rein.-con., brick, steel, plain found., East Grand Blvd., to E. Chase, Penobscot Bldg. Est. $50,000.

Mich., Detroit — WAREHOUSE—Dossin Food Products, 3659 Gratiot Ave., 2 story, basement, 40 x 142 ft., brick, steel, plain found., Gratiot St., to Banbrook-Gowan Co., 4829 Woodward Ave. Est. $50,000.

Mich., Ferndale (br. Detroit)—FACTORY—Steel & Tubes, Inc., W. J. Sampson, Jr., pres., 224 East 131st St., Cleveland, O., 1 story, 210 x 500 ft., brick, steel, concrete, to Cooper-Little Co., 4612 Woodward Ave., Detroit. Est. $400,000. Noted Aug. 30.

Ill., Chicago — FACTORY — Mars Inc. Candy, 2019-59 North Oak Park Ave., masonry contract 1 story, 200 x 644 ft., brick, 2019-39 North Oak Park Ave., to A. S. Law, 510 North Dearborn St. Est. $250,000.

Mo., St. Louis — POWER PLANT — Anheuser-Busch, Inc., 721 Pestalozzi St., remodeling power plant, 9th St., boilers, water walls, superheaters, to Springfield Boiler Co., Springfield, Ill.; water treatment equipment, to Cochrane Constr. Co., 822 1st Natl. Bldg., Lincoln, Neb.; mills and burners to Hardinge Co., York, Pa.; turbines, to Allis-Chalmers Co., West Allis, Wis.; preheaters and dust collectors, to Prat-Daniel Co., 101 Park Ave., New York, general construction work will be supervised by Ophuls & Hill, Inc., engrs., 112-114 West 42nd St., New York. Total $1,000,000. Noted Sept. 6.

Colo., Denver — WAREHOUSE — Pub. Serv. Co., 15th and Champa Sts., masonry warehouse, to F. H. Cowell, Central Savings Bank Bldg., $120,000.

Buildings—Commercial

Proposed Work

N. Y., New York — APARTMENT — Bricken Constr. Corp., 1385 Bway., plans by Schwartz & Gross, 347 5th Ave., 15 story, 201 x 244 ft., brick, steel, 101 East 93rd St. $4,500,000.

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Buildings—Commercial (Continued)

N. J., Orange—APARTMENT—H. C. Cassam, c/o A. P. Nucciarone, archt., 206 Central Ave., 5 story, 120 x 145 ft., brick, steel, plain found., 280 Central Ave. $175,000. Noted Sept. 20.

N. J., Orange—APARTMENT—Lillien & Lillien, archts., 155 West 72nd St., New York, rejected bids 5 story, basement, brick, steel, plain found., Oxford Pl. and South Center St., for J. J. Kelley, 24 Branford Pl., Newark. $250,000. Project abandoned. Noted Sept. 13.

O., Cincinnati—THEATRE and HOTEL —Corporation, c/o W. H. Ahlschlager, archt., 65 East Huron St., Chicago, Ill., and 565 5th Ave., New York, theatre and hotel. $7,000,000.

Mich., Detroit — APARTMENT — J. L. Baker, 344 Penobscot Bldg., sketches 12 story, rein.-con., brick, steel, plain found., Six Mile Rd. and Stoepel St. $1,000,000.

Ill., Evergreen Park—HOSPITAL—Sisters of Little Company of Mary, 4130 Indiana Ave., sketches by J. W. McCarthy, 139 North Clark St., Chicago, 5 story, basement, 93rd St. and California Ave. $1,000,000.

Mo., St. Louis — APARTMENT — Local Syndicate, c/o W. J. Abbott, 806 Chestnut St., soon takes bids 25 story, basement, 140 x 200 ft., rein.-con., brick, stone, steel, terra cotta, Lindell Blvd. west of Euclid Ave. $2,000,000. J. L. Bowling & D. L. Frank, Arcade Bldg., archts.

Bids Desired

N. H., East Jaffrey—STORE, OFFICE, EXCHANGE, POST OFFICE—Owner, c/o A. E. Rosenstein, archt., 220 Devonshire St., Boston, Mass., taking bids 2 story, basement, 85 x 150 ft., brick, stone, plain found., Main St. and Railroad Ave. $150,000.

N. Y., Binghamton—BANK and STORE—First Natl. Bank bids about Dec. 1, bank and store building. $500,000. Halsey, McCormick & Helmer, 286 5th Ave., New York, archts.

N. Y., Brooklyn — APARTMENT — See "Contracts Awarded."

N. Y., New York — APARTMENT — See "Contracts Awarded."

N. Y., New York — APARTMENTS — Fifty-Five Avenue A Corp., 26 Court St., Brooklyn, taking bids on separate contracts 12 story, 96 x 114 ft., 43 Avenue A, and 12 story, 95 x 115 ft., 51-87 Avenue A, both brick, steel. $900,000 each. Shampan & Shampan, 26 Court St., Brooklyn, archts. Noted Sept. 6 and 20.

N. Y., New York — HOTEL — See "Contracts Awarded."

N. Y., New York — THEATRE — Highbridge Realty Corp., H. Schenck, pres., 1540 Bway., and T. W. Lamb, archt., 644 8th Ave., bids about Oct. 8, 199 x 205 ft., brick, steel, 4140 Bway. $1,250,000. Noted July 16.

N. Y., Rochester—STAFF—Oct. 17 (extended date), by Commissioner Dpt. Mental Hygiene, Albany, staff and employees accommodations at Rochester State Hospital; adv. E. N.-R. Sept. 27. Noted Aug. 30.

N. J., Asbury Park — APARTMENT — See "Contracts Awarded."

N. J., Fairview — APARTMENT — See "Contracts Awarded."

N. J., Haddonfield—APARTMENT—See "Contracts Awarded."

N. J., Hasbrouck Heights — APARTMENT — See "Contracts Awarded."

N. J., Jersey City—APARTMENT—See "Contracts Awarded."

N. J., Lyndhurst (br. Rutherford) — STORE and OFFICE — F. P. Friedman, archt., 395 Springfield Ave., Newark, taking bids general contract 2 story, basement, 50 x 200 ft., brick, steel, plain found., Stuyvesant Ave. and Court extension, for L. Hillhouse, c/o architect. $150,000. Noted Sept. 6.

N. J., Montclair — APARTMENT and STORE—See "Contracts Awarded."

N. J., Newark — APARTMENT — Town Holding Co., c/o Lilien & Lilien, archts., 155 West 72nd St., New York, bids about Nov. 1, general contract 5 story, basement, brick, steel, 57-63 Osborne Terrace. $200,000.

N. J., Paterson — HALL OF RECORDS and JAIL—Bd. Freeholders Passaic Co., City Hall, bids about Oct. 15, 8 story, basement, 125 x 150 ft., rein.-con., brick, steel, plain found., Grand and Spring Sts. $500,000. H. R. Crosby, 125 Ellison St., archt. Noted Sept. 13.

Pa., Phila. — APARTMENT — See "Contracts Awarded."

Md., Sykesville—INFIRMARY—Sept. 28, by H. P. Hopkins, archt., 347 North Charles St., Baltimore, 2 story, 98 x 120 ft., rein.-con., brick, steel, stone, for Springfield State Hospital. $150,000.

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D. C., Wash. — HOTEL and APARTMENT—Cafritz Co., 1016 14th St. N. W., bids about Nov. 1, hotel and apartment, 19th and F Sts. $2,000,000. H. H. Warwick, 116 Vermont Ave. N. W., archt.

D. C., Wash.—OFFICE—Oct. 18, by W. B. Wood, archt., 16 Jackson Pl. N. W., office building, 15th and K Sts., for Southern Railway Co., 13th and Penn. Ave., B. Herman, ch. engr. Noted Aug. 9.

La., Shreveport—HOSPITAL—Oct. 16, by Charity Hospital, c/o Secretary of Bd., remodeling and constructing 1 story, brick, concrete addition. $150,000. Former bids rejected. S. Van Os, Merchants Bldg., archt. Noted Sept. 20.

Tenn., Memphis—BANK—Oct. 1, at office Hanker & Cairns, archts., 123 South Court St., 3 story, basement, 150 x 150 ft., granite, South 2nd St. and Monroe Ave., for Bank of Commerce & Trust Co., Bank of Commerce Bldg. $1,000,000.

O., Columbus—POLICE STATION—Oct. 4, by City, 5 story, basement, concrete, brick, steel, water and Gay Sts. $750,000. Allied Architects Assn., A. I. U. Bldg., archts.

Ind., Peru — HOSPITAL — Oct. 20, by Miami Co. Hospital, rein.-con., brick, stone hospital, known as Aaron Dukes Memorial. $150,000. R. Lenoard, 309 Peoples Life Bldg., Frankfort, archt.

Ill., Chicago — APARTMENT — Betts & Holcomb, archts., 32 West Randolph St., taking bids 7 story, basement, rein.-con., brick, 3019 East 78th St., for Syndicate, c/o architects. $300,000.

Ill., Chicago — APARTMENT — Jillson & Pierce, archts., 35 East Wacker Dr., bids about Oct. 20, 6 story, basement, 50 x 150 ft., rein.-con., brick, 1412 Chase Ave., for Chase Avenue Building Corp., c/o architects. $250,000.

Ill., Chicago—APARTMENT—Oct. 5, by Schmidt, Gardner & Erickson, archts., 104 South Michigan Ave., 19 story, basement, 31 x 65 ft., rein.-con., brick, steel, terra cotta, concrete pile found., 65 East Walton Pl., for Huguelet Bros., 908 Huguelet Pl. $1,500,000. Noted June 14.

Ill., Highland Park — HOTEL — W. D. Mann, archt., 32 West Randolph St., Chicago, taking bids 3 story, basement, irregular shaped brick addition, Main St. and Sheridan Rd., for Moraine Hotel Co. $250,000.

Neb., Omaha—APARTMENT—See "Contracts Awarded."

Wash., Seattle — HOTEL — Oct. 5, by V. W. Voorhees, archt., Lloyd Bldg., 14 story, basement, concrete, steel, brick, 3rd and Union Sts., for Union Leashold Co., c/o architect. $900,000.

Calif., Santa Monica—APARTMENT—See "Contracts Awarded."

Contracts Awarded

Mass., Boston—STORE and OFFICE—F. W. Woolworth Co., Park Sq. Bldg., 6 story, basement, 70 x 125 ft., brick, stone, granite, plain found., to Casper-Ranger Constr. Co., 129 Newbury St. Est. exceeds $150,000. Noted Sept. 6.

Mass., Framingham—BANK—J. W. Beal Sons Co., archts., 185 Devonshire St., Boston, altering and constructing 1 story, basement, rein.-con., brick, steel, stone addition, plain found., to J. J. Prindiville Co., Prindiville Bldg., for Framingham Trust Co., C. H. Bigelow, pres., Concord St. Est. $150,000. Noted Sept. 13.

Mass., Newton (Ind. br. Boston) — STORE and OFFICE — Stuart-Marshall Realty Co., 280 Centre St., 2 story, basement, 100 x 125 ft., brick, stone, concrete found., Newton Centre, to Rugo Constr. Co., 80 Boylston St., Boston. Est. $150,000. Noted July 12.

Mass., Salem — EXCHANGE — W. H. Koen, 159 Federal St., Boston, 3 story, basement, brick, plain found., to T. W. Fitzgerald, 22 Clifton Ave. Est. $150,000. Noted Sept. 6.

Mass., Scituate—MASONIC TEMPLE—Scituate Lodge of Masons, J. Severance, chn. building com., 1 and 2 story, basement, brick, stone, plain found., to B. B. Taylor, 300 East Squantum St., Quincy. Est. $150,000 or more. Noted July 19.

N. Y., Brooklyn—APARTMENT—Harry Koeppel Corp., 26 Court St., 6 story, 95 x 103 ft., brick, timber, separate contracts. $150,000. Malkind & Weinstein, 93 Court St., archts. Noted Sept. 13.

N. Y., Brooklyn — APARTMENT — Jack Carner, Inc., 16 Court St., 6 story, apartment, Ditmars Ave. and East 22nd St., separate contracts. $325,000. M. Rothstein, 186 Joralemon St., archt.

N. Y., Brooklyn—APARTMENTS—Modern Six Family Corp., 1054 Eastern Parkway, ten 3 story, 75 x 82 ft., brick, steel, separate contracts. $150,000. A. Adamo, 1222 70th St., archt. Noted Sept. 13.

N. Y., Brooklyn — APARTMENT — R. Rockoff, 945 East 10th St., 4 story, Ocean Ave. and Avenue Y, separate contracts. $250,000. Seelig & Finkelstein, 66 Court St., archts.

N. Y., Brooklyn — APARTMENT — Radmore Realty Corp., M. L. Levine, pres., 32 Court St., 6 story, 120 x 173 ft., brick, steel, separate contracts, $400,000. Cohn Bros., 361 Stone Ave., archts. Noted Sept. 13.

N. Y., Brooklyn—APARTMENT—Roche & Cardes, 1586 Flatbush Ave., brick, timber, separate contracts, $190,000. R. T. Schaefer, 1543 Flatbush Ave., archt. Noted Sept. 13.

N. Y., Brooklyn — APARTMENTS — L. Shadorofsky, 1553 Elmore Ave., 99 x 120 ft., East 46th St. and Church Ave., separate contracts, $225,000. Cohn Bros., 361 Stone Ave., archts.

N. Y., Brooklyn — APARTMENT—Three Hundred Forty-Seven 86th St. Corp., J. W. Lake, Treas., 9221 3rd Ave., 6 story, 130 x 140 ft., brick, timber, separate contracts, $400,000. Ricca & Ungarleider, 186 Remsen St., archts. Noted Sept. 20.

N. Y., Brooklyn — SANITORIUM — Midwood Sanitorium, B. D. Harrington, 19 Winthrop St., and M. Erickson, archt., 885 Flatbush Ave., 4 story sanitorium, to W. Kidde & Co., 140 Cedar St., New York. Est. $150,000. Noted Aug. 30.

N. Y., Flushing—APARTMENT—W. Benton, 324 Grand Ave., Astoria, 6 story, 89 x 120 ft., brick, timber, separate contracts. $200,000. B. Braunstein, 163-18 Jamaica Ave., archt. Noted Sept. 20.

N. Y., Flushing—APARTMENT—Keen Holding Corp., 570 7th Ave., 6 story, 122 x 176 ft., brick, timber, separate contracts. $350,000. Gronenberg & Leuchtag, 1385 Bway., archts. Noted Sept. 20.

N. Y., Jamaica — APARTMENT and STORE—Benens Realty Corp., 26 Court St., Brooklyn, 6 story, 130 x 135 ft., brick, timber, Rector St. and Jamaica Ave., separate contracts. $300,000. Kavy & Kavovitt, 350 Stone Ave., Brooklyn, archts. Noted Sept. 20.

N. Y., New York—APARTMENT—Carmine Cioffi, Inc., 1695 Boston Rd., 5 story, 95 x 105 ft., brick, timber, separate contracts. $150,000. G. W. Swiller, 4215 3rd Ave., archt. Noted Sept. 20.

N. Y., New York—APARTMENT—Garlock Realty Corp., S. Gordon, pres., 56 West 45th St., 6 story, separate contracts. $200,000. C. B. Meyers, 31 Union St., archt. Noted Sept. 20.

N. Y., New York—APARTMENT—Hildorn Realty Corp., M. Fein, pres., 1026 East 179th St., 6 story, 100 x 150 ft., brick, timber, separate contracts. $250,000. Lang & Rosenberg, 1440 B'way, archts. Noted Sept. 20.

N. Y., New York—APARTMENT—Kingsbridge Impvt. Corp., S. Kinskoff, pres., 2353 Grand Concourse, 19 story, brick, steel, 480 Park Ave., separate contracts. $3,000,000. E. Roth, 1440 Bway., archt. Noted Aug. 16.

N. Y., New York—APARTMENT—Minsam Realty Corp., C. W. Mack, pres., 255 Avon Ave., 6 story, 100 x 175 ft., brick, timber, separate contracts. $300,000. L. Pisciotta, 1912 Arthur Ave., archt. Noted Sept. 20.

N. Y., New York—APARTMENT and STORE—Up to Date Development Corp., 2030 Watson Ave., 6 story, 82 x 125 ft., brick, timber, separate contracts. $200,000. Springsteen & Goldhammer, 40 East 49th St., archts. Noted Sept. 20.

N. Y., New York—HOTEL—Club Hotel Corp. of New York, H. Barth, pres., 116 West 72nd St., 16 story hotel, 140 East 24th St., separate contracts. F. M. Andrews, c/o owner, archt.

N. Y., New York — THEATRE — Loews Enterprises, 1540 B'way, 3 story, 175 x 225 ft. theatre, to M. Mason & Son, 26 Court St., Brooklyn. Est. $1,800,000. Noted Dec. 1.

N. Y., Pleasantville—BANK and OFFICE —First National Bank of Pleasantville, A. C. Hoyt, in charge, c/o John Mansville, Inc., 41st St. and Madison Ave., New York, bank and office building, to W. B. Keihme Constr. Co., Est. $150,000.

N. Y., Rochester — BANK — Rochester Trust & Safe Deposit Co., 1 Main St. W., 6 story, granite, marble addition, 1 Exchange St., to Stewart & Bennett, 125 North Water St. Est. $300,000. Noted July 12.

N. J., Asbury Park—APARTMENT—I. Traub, 4 story, basement, brick, steel, plain found., Emory St., Lake Dr., 8th and Deal Aves., separate contracts. $150,000. P. Freshman, 50 Court St., Brooklyn, N. Y., archt.

N. J., Camden—APARTMENT—Haddenfield Manor Apartments, c/o Edwards & Green, archts., 548 Federal St., 4 story, basement, 65 x 206 ft., brick, steel, plain found., Kings Highway and Linden Ave., to Costanza Bros., 1540 Mt. Ephraim Ave. Est. $350,000.

N. J., Camden—BANK and OFFICE—Rankin & Kellog, archts., 1805 Walnut St., Phila., Pa., 5 story, 70 x 120 ft., rein.-con., brick, steel, plain found., Bway. and Market St., to Ketcham & McQuade, 1029

Buildings—Commercial (Continued)

Brown St., Phila., Pa., for Camden Safe Deposit & Trust Co., 224 Federal St. Noted Aug. 16.

N. J., Fairview—APARTMENT—R. Perrone, 106 18th St., West New York, 3 story, basement, 75 x 125 ft., brick, plain found., Anderson and Jersey Aves., separate contracts. $150,000. A. DePaola, 106 18th St., West New York, archt.

N. J., Haddonfield — APARTMENT — Colonial Arms, Inc., c/o Edwards & Green, archts., 548 Federal St., Camden, 6 story, basement, brick, steel, plain found., separate contracts. $175,000. Noted Sept. 6.

N. J., Hasbrouck Heights — APARTMENT — Owner, c/o H. O. Hamilton, archt., 369 Lexington Ave., New York, 5 story, basement, 85 x 120 ft., brick, steel, plain found., separate contracts. $150,000.

N. J., Irvington (br. Newark)—APARTMENT — M. Kochan, 476 Union Ave., 3 story, basement, 55 x 120 ft., brick, steel, plain found., 480 Union Ave., separate contracts. $150,000. S. Cohen, 130 Branford Pl., Newark, archts.

N. J., Jersey City — APARTMENT — H. Goldowsky, 23 Warner Ave., 5 story, basement, 100 x 125 ft., brick, steel, plain found., Jewett Ave., separate contracts. $250,000. M. Kraut, 3010 Hudson Blvd., archt. Noted Sept. 20.

N. J., Montclair — APARTMENT and STORE—J. G. Aiello, Park St., 6 story, basement, 130 x 152 ft., brick, steel, Church and South Park Sts., separate contracts. $500,000. Private plans.

Pa., Oil City—HOSPITAL—Oil City General Hospital, and E. E. Bailey, archt., Oil City, general contract 3 story, basement hospitol, to L. O. Bouquin, Oil City. Est. $200,000.

Pa., Phila.—APARTMENT—N. Litman, 45th and Pine Sts., 4 story, basement, 78 x 160 ft., brick, steel, plain found., 506 North 41st St., separate contracts. $275,000. R. N. Litman, 45th and Pine Sts., archt.

Pa., Phila. — THEATRE — Hoffman-Henon Co., archts., Finance Bldg., 1 story, balcony, basement, 121 x 243 ft., rein.-con., brick, steel, plain found., Frankford Ave. and Overington St., to Day & Zimmerman, 112 North Broad St., for Mercantile & Theatre Properties, Inc., c/o J. Bernhard, 130 Chestnut St. Noted Aug. 30.

Del., Wilmington — Brown & Whiteside, archts., Du Pont Bldg., 5 story, basement, 162 x 167 ft., brick, steel, plain found., to W. M. Francis, Du Pont Bldg., for Y. M. C. A., c/o architects. $619,950. Noted Aug. 23.

Ala., Huntsville — HOTEL — Huntsville Hotel Co., general contract 12 story, basement, roof garden, 100 x 150 ft., brick, steel, to E. G. Holliday & Co., 151-4th Ave., N., Nashville, Tenn., $500,000; plumbing, heating, wiring and ventilating, to Hutchens Co., Huntsville; elevator to Otis Elevator Co., Court and Walnut Sts., Cincinnati, O. Noted Aug. 2.

O., Cleveland — WAREHOUSE — Brandt Co., H. W. Brandt, pres., Sheriff St. Market, 2 story, basement, 160 x 475 ft., rein.-con., brick, East 37th and Orange Sts., to S. W. Emerson Co., 1836 Euclid Ave. Est. $1,000,000.

Ind., Frankfort — ARMORY — Indiana Natl. Guard, State House, Indianapolis, general contract rein.-con., brick, to Ostrom Realty & Constr. Co., Peoples Bank Bldg., Indianapolis. Est. $150,000.

Ind., Noblesville — ARMORY — Indiana Natl. Guard, State House, Indianapolis, general contract rein.-con., brick, steel, to Ostrom Realty & Constr. Co., Peoples Bank Bldg., Indianapolis. Est. $150,000.

Ind., South Bend—ARMORY—Indiana Natl. Guard, State House, Indianapolis, general contract 3 story, basement, 80 x 149 ft. rein.-con., brick, incl. 3 guard units, drill hall, rifle range, to Ostrom Realty & Constr. Co., Peoples Bank Bldg., Indianapolis. Est. $150,000.

Ill., Chicago—CLUB—Granger & Bollenbachar, archts., 333 North Michigan Ave., rebuilding 8 story, 80 x 85 ft. club, South Michigan Ave. and Van Buren St., to E. L. Scheidenhelm Co., 333 North Michigan Ave., for Chicago Club, Van Buren and South Michigan Aves.

Ill., Chicago—GROCERY STORE—A. S. Alschuler, archt., 28 East Jackson Blvd., substructure 6 story, basement, 100 x 125 ft., brick, stone, rein.-con., brick, Illinois and Orleans Sts., to A. Brundage Co., 104 South Dearborn St., for J. Sexton & Co., Illinois and Orleans Sts. Est. $350,000.

Ill., Chicago—OFFICE and STORE—V. C. Carlson, 636 Church St., Evanston, general contract 6 story (ultimately 12 story), basement, 79 x 154 ft., face brick, Bedford stone, Howard and Clark St., to V. C. C. Constr. Co., 636 Church St., Evanston. Est. $1,000,000.

Ill., Chicago — RETAIL STORE—Leichenko & Esser, archts., 38 South Dearborn St., general contract, 7 story, basement, 48 x 120 ft., to Avery Brundage Co., 110 South Dearborn St., for S. H. Goldberg, 1918 Prairie Ave. $300,000. Noted July 19.

Neb., Omaha—APARTMENT—A. Knutson, 523 Forest Dr., 6 or 8 story, rein.-con., brick, day labor $150,000. Private plans.

Okla., Blackwell — OFFICE and THEATRE — Kennedy Bros. & Hayes, archts., general contract 4 story, basement, 50 x 140 ft., rein.-con., brick, steel, plain found., to W. R. Grimshaw Constr. Co., 401 Kennedy Bldg., $170,000; heating and plumbing, to Winfield Heating & Plumbing Co., Winfield, Kan., $30,000. Noted May 19, 1927.

Calif., Los Angeles—APARTMENT—N. A. Leech, 4452 Price St., 27 story, 90 x 150 ft., rein.-con., steel, 8235 Sunset Blvd., separate contracts and soon takes sub-bids on same. To exceed $1,000,000. Noted Sept. 20.

Calif., Los Angeles—APARTMENT—H. H. Belden, c/o J. M. Cooper, archt., 315 Rives Strong Bldg., 13 story, basement, 100 x 200 ft., Class "A," incl. 65 car garage in basement, to J. M. Cooper, 315 Rives Strong Bldg. $600,000. Noted Sept. 13.

Calif., Los Angeles—BANK and OFFICE—Hollywood Central Building Corp., 6331 Hollywood Blvd., 12 story, basement, 42 x 90 ft., rein.-con., to Scofield-Twaits Co., Pacific Finance Bldg., $350,000. Noted Sept. 13.

Calif., Los Angeles — HOSPITAL — Los Angeles Co., general contract 11 story, steel, to Weymouth Crowell Co., 2104 East 15th St., $3,017,000; plumbing and heating, to Howe Bros., 198 South San Pedro St., $856,915 and $345,285 respectively; ventilating, to T. Haverty Co., 800 South Maple Ave., $178,182; electrical work, to Newbery Electric Corp., 726 South Olive St., $719,491; elevators, to Otis Elevator Co., 300 East 8th St., $448,871. Grand total $5,565,744. Noted Jan. 26.

Calif., San Francisco — APARTMENT — M. I. Schwartz (owner and archt.), 110 Sutter St., 3 story, basement, brick, stucco, Diamond and Market Sts., day labor and sub-contracts. $150,000.

Calif., San Francisco—APARTMENTS—I. Epp & Son, 4745 Geary St., three 3 story, basement, stucco, Golden Gate Ave. near Steiner St., day labor and sub-contracts. $75,000 each. J. C. Hladik, Monadnock Bldg., archt.

Calif., San Mateo—APARTMENT—Raywood Apartments, Inc., c/o E. L. and J. E. Norberg, archts., 580 Market St., San Francisco, 6 story, basement, rein.-con., steel, to Miner Co., 243 Hamilton Ave., Palo Alto, $150,000.

Calif., Santa Monica—APARTMENT—S. Klitnick 4 story, basement, 100 x 100 ft., brick, tile, California and 4th Sts. $150,000. Owner builds. L. Weiner, 316 Spring Arcade Bldg., Los Angeles, archt.

Buildings—Educational, Religious

Proposed Work

Mass., Longmeadow (mail Springfield)—SCHOOL—Town, H. Dudley, 73 Colton Pl., rejected bids Sept. 7, 2 story, basement, 130 x 135 ft., brick, stone, plain found., Longmeadow St. $150,000 or more. Will readvertise. M. B. Harding, 6 Main St., Westfield, archt. Noted Aug. 30.

Mass., Roxbury (sta. Boston)—NURSES' HOME, LAUNDRY, etc.—Children's Hospital, 1300 Longwood Ave., plans by Coolidge, Shepley, Bulfinch & Abbott, Ames Bldg., Boston, nurses' home, laundry and emergency contagious ward, brick, plain found., Longwood Ave. $1,000,000. Noted May 31.

Mass., Winchester — HIGH SCHOOL — Town, Superintendent Schools, 83 Church St., plans by Kilham, Hopkins & Greeley, 9 Park St., Boston, altering and constructing 2 story, basement, brick, stone addition to Noonan School, plain found., Hemingway St. $150,000. Noted Mar. 15.

Conn., Waterbury—SCHOOL—City, Bd. Educ., revised plans by T. M. Freney, 51 Leavenworth St., 2 story, basement, 70 x 135 ft., brick, limestone, plain found., Birch and Wall Sts. $150,000. Noted Mar. 1.

Conn., Waterbury — SYNAGOGUE — Temple Beth El plans by Myers, Bigelow & Shanley, 24 Walnut St., Newark, N. J., 3 story, basement, brick, steel, plain found. Est. $200,000. Noted June 7.

N. Y., Nanuet—SCHOOL—School Dist. 8, Clarkson and Orangetown Twps. sketches by Tooker & Marsh, 101 Park Ave., New York, school, Highwood Ave. $150,000.

N. Y., New York—LIBRARY—Bd. Trustees, New York Pub. Library, 42nd St. and 5th Ave., sketches by Carrere & Hastings, 52 Vanderbilt Ave., 3 story, brick, steel addition. $2,000,000.

N. J., Blairstown—HIGH and GRADE SCHOOL—Bd. Educ. plans by J. Vreeland, 16 West Blackwell St., Dover, 2 story, basement, brick, steel, plain found., $150,000.

N. J., Ventnor (br. Atlantic City) — SCHOOL — Bd. Educ., M. Mantick, secy., Troy Ave., plans by H. A. Stout, Guarantee Trust Bldg., Atlantic City, 2 story, basement, 150 x 172 ft., rein.-con., brick, plain found. $275,000.

N. J., West Grantwood—SCHOOL—Bd. Educ., Boro Hall, Cliffside, plans by Cadien & Pierson, 545 Gorge Rd., Grantwood, 2 story, basement, brick, steel, plain found.

N. J., Wyckoff — SCHOOL — Bd. Educ., C. C. Vanderhoff, Twp. Hall, sketches by Tooker & March, 101 Park Ave., New York, 2 story, basement, brick, steel, plain found., Grand View Ave. $150,000.

Pa., Sewickley — ACADEMY — Sewickley Academy, Sewickley, and W. G. Eckles Co., archts., Lawrence Bd. of Trade Bldg., New Castle, soon lets contract 3 story, basement, brick, steel, Academy Ave. $350,000. Noted June 28.

O., Columbus—FINE ARTS—Columbus Gallery of Fine Arts plans by C. A. Platt, 101 Park Ave., New York, 2 story, limestone, marble, 478 East Broad St. To exceed $150,000.

Mo., Normandy—CONVENT—Convent of Incarnate Word, 4 story, basement, 133 x 43 x 61 x 87 x 45 ft., rein.-con., brick, granite, Normandy Ave., to Hercules Contg. Co., Wainright Bldg., St. Louis. Est. $150,000.

Tex., San Antonio—CHAPEL and DORMITORY — St. Joseph's Orphanage, c/o Catholic Diocese, St. Mary's St., soon takes bids 3 story, 66 x 166 ft. dormitory, 2 story, 60 x 100 ft. chapel, brick, stone, tile, rein.-con., Conception Rd. near Mitchell St. $160,000. L. M. J. Dielmann, 306 East Commerce St., archt.

Bids Desired

Mass., Framingham — SCHOOL — Town, C. A. Potter, chn. School Comn., Beaumont Bldg., taking new bids 2 story, basement, brick, stone, plain found., Beacon and Leland Sts. $150,000. Former bids rejected. E. I. Wilson, 109 State St., Boston, archt. Noted Aug. 23.

Mass., Nantucket — HIGH SCHOOL — Oct. 1, by Little & Russell, archts., 20 Newbury St., Boston, 2 story, basement, rein.-con., brick, stone, plain found., Academy Hill, for Town, Bd. Selectmen. $180,000. Noted Aug. 23.

Conn., East Hartford (br. Hartford)—SCHOOL—Oct. 9, by Town, R. R. Powers, chn. com., 2 story, basement, brick, steel addition, incl. gymnasium and auditorium. $200,000. Whiton & McMahon, 805 Main St., Hartford, archts.

N. Y., Elmsford—SCHOOL—Oct. 5, by Bd. Educ., Dist. 9, Town of Greenburgh, 2 story, school. $250,000. Knappe & Morris, 171 Madison Ave., New York, archts. Noted Sept. 6.

N. Y., New York—SCHOOL—Oct. 9, by W. C. Martin, archt. and supt. School Buildings, Flatbush Ave. extension and Concord St., Brooklyn, P. S. 96, Waring Ave. from Olinville to Barker Aves., for Bd. Educ., 500 Park Ave.

N. J., Glen Ridge—SCHOOL—Bd. Educ., 235 Ridgewood Ave., bids about Oct. 1, general contract 2 story, basement, brick, steel, plain found., Forrest Ave. $150,000. Guilbert & Betelle, 20 Branford Pl., Newark, archts.

Pa., Phila.—SCHOOL—Oct. 2, by Bd. Educ., J. D. Cassell, supt. buildings, 19th and Chestnut Sts., 2 story, basement, 44 x 140 ft., rein.-con., brick, plain found., Byberry Rd. and Stevens St. I. T. Catharine 19th and Chestnut Sts., archt.

La., Independence — HIGH SCHOOL — Tangipahoa Parish School, c/o W. J. Dunn, supt., Amite, bids about Oct. 7, 2 story, rein.-con., brick, stone high school. $150,000. R. H. Goodman, Bank of Baton Rouge Bldg., Baton Rouge, archt. Noted July 26 under "Amite."

Ky., Bowling Green—HIGH SCHOOL—Oct. 2, by Bd. Educ. at office superintendent, Junior High School, 3 story, fireproof, incl. gymnasium. Marr & Holman, 702 Stahlman Bldg., Nashville, Tenn., archts.

Mich., Eloise—HOME—Oct. 3, by H. H. Prenzlauer, secy. Wayne Co. Superintendents of Poor, City Service Bldg., Detroit, 3 story, basement, concrete, brick, steel, stone addition to terrace building, Michigan Ave. $150,000.

Mich., Detroit—SCHOOL—Oct. 1, by C. A. Gadd, bus. mgr. Bd. Educ., 1354 Bway. Ave., 2 story, basement, 63 x 75 ft., rein.-con., brick, steel, stone, plain found., Pembroke Ave. $175,000. A. A. Howe, 120 Madison Ave., archt.

Ill., Calumet City—HIGH SCHOOL—Bd. Educ. bids about Oct. 5, 2 story, 125 x 150

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Buildings—Education, Religious

ft., brick, stone addition. $200,000. H. F. Beck, 159 East Ontarion St., Chicago, archt.

Kan., Junction City—SCHOOLS—Oct. 8, (extended date), by Secretary-Treasurer Bd. Educ., for Washington School, 2 story, basement, 85 x 133 ft., Franklin School, 2 story, basement, 86 x 133 ft., Senior High School, 3 story, basement, 157 x 173 ft., all brick, rein.-con., stone. Felt, Dunham & Kriehn, 300 West 47th St., Kansas City, Mo., archts. Noted Sept. 20.

N. D., Minot—SCHOOL—Oct. 9, by Bd. Educ., J. C. Lund, clk., 3 story, basement, rein.-con., brick, Bedford stone school. $200,000. Bugenhagen & Molander, Minot, archts. Croft & Boerner, 1004 Marquette Ave., Minneapolis, associated archts. Noted May 17.

Tex., Amarillo — CHURCH — Oct. 4, by Ferrano & Fitch, archts., 6188 Delmar Blvd., St. Louis, Mo., and G. A. Carlander, associated archt., 1015 Fisk Medical & Professional Bldg., 4 story, basement, 140 x 204 ft., brick, stone, steel, rein.-con., Tyler and 13th Sts., for First Baptist Congregation, 9th and Polk Sts. $400,000.

Contracts Awarded

Mass., Everett (br. Boston)—SCHOOL—City, D. W. Murdock, chn. School Building Com., and McLaughlin & Burr, archts., 88 Tremont St., Boston, 2 story, basement, 140 x 160 ft., brick, stone, plain found., to Bond Bros., 79 Ferry St. Est. $160,000. Noted Aug. 30.

Mass., Quincy — (Ind. br. Boston) — SCHOOLS—City, Pub. Building Dpt., two 2 story, basement, rein.-con., brick, steel to Franklin Bros. Co., Inc., 30 Mystic Ave., Medford, $279,500. Est. $300,000. Noted Sept. 6.

Mass., Winchester — CHURCH and PARISH HOUSE—First Baptist Church, B. F. Brown, chn. building com., 2 story, basement, 110 x 170 ft., brick, granite, plain found., Washington and Mt. Vernon Sts., to L. W. Oakes, Inc., 193 Pilgrim Rd., Boston. Est. $150,000 or more.

Conn., Ansonia — CHURCH — Immanuel Church, T. J Shannon, pastor, 1 story, basement, Jackson St., to Chas. Smith & Sons, Inc., 254 Main St., Derby. Est. $150,000.

Conn., Torrington — CHURCH — St. Maron's Church, P. Risk, pastor, 1 story, basement, 45 x 150 ft., brick, stone, steel, to C. Longhi & Son, 180 Hoffman St. Est. $150,000. Noted Dec. 22.

N. Y., Brooklyn — COMMUNITY CENTER—G. W. Iser, archt., 56 West 45th St., New York, community center, to Fredburn Constr. Corp., 7 East 44th St., New York, for East Flatbush Center, c/o M. Weingrad, 11 Linden Blvd. Est. $250,000. Noted Mar. 29.

N. Y., Garden City — SCHOOL — Bd. Educ., F. Lambeer, pres., 2 story, altering and constructing school, addition to J. J. Dixon, Roosevelt. Est. $150,000. Noted Apr. 24, 1924.

N. Y., New York—MEDICAL LABORATORY—Rockefeller Institute, Medical Research, 4 story, brick, steel, Exterior St. and Avenue A, to Marc Eidlitz & Son, 41 East 42nd St. Est. $250,000.

N. Y., New York—SCHOOL—Church of Holy Family, U. C. Nageleisen, rector, Blackrock and Castle Hill Ave., general contract school, to Thomas J. Waters Co., 415 Lexington Ave., $400,000. Noted Aug. 23.

N. Y., Port Chester — SYNAGOGUE — Keneseth Tifereth Israel Congregation, brick, rein.-con., stone, to Mertz Co., 145 Horton Ave. Est. $160,000. Noted May 17.

N. Y., Ticonderoga—SCHOOL—Bd. Union Free School Dist. 5, W. W. Jeffers, pres., general contract school, to Cuplex Constr. Co., Bolton. Est. $300,000. Noted July 12.

N. Y., Valhalla—SCHOOL—Bd. Educ., Mt. Pleasant, North Castle and Greenburgh, school, to T. A. Miller, 4 Highland Ave Est. $180,000.

N. J., Bordentown—DORMITORY—State Bd. Educ., Trenton, 3 story, basement, 65 x 161 ft., brick, steel, to G. H. Evans, Inc., 1416 Vine St., Phila., Pa. Est. $150,000. Noted Aug. 23. Plumbing, heating and ventilating, to S. W. Peters, Woodbury; electrical work, to Standard Electrical Co., Trenton.

N. J., Hightstown — HALL — Peddie School, general contract Austin Colgate Hall, 3 story, basement, brick, steel, plain found., to Matthews Constr. Co., Princeton. Est. $150,000.

N. J., Oradell — HIGH SCHOOL — Bd. Educ., Pub. School Kinderkomalk, general contract Junior High School, to L. Infante, 2222 Westervelt Pl., Lodi, $227,775. Noted Aug. 30.

Pa., Coudersport — CONSISTORY CATHEDRAL — Coudersport Consistory, J. G. Convey, East 2nd St., general contract 1 and 2 story, 130 x 176 ft., brick,

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steel, to Benz Eng. Corp., Salamanca, N. Y. Est. $150,000. Noted Mar. 15.

Pa., Erie—HIGH SCHOOL—Bd. Educ., R. S. Scobell, secy. and bus. mgr., general contract West High School, 2 story, 131 x 389 ft., brick, steel, concrete, to Upton & Lang, Erie, $848,113; heating, to A. B. Garvey, Erie, $112,000.

Pa., McKeesport—SCHOOL—Bd. Educ., general contract 2 story, basement, brick, steel, Sumac St., to E. H. Canon, Jenkins Arcade, Pittsburgh. Est. $300,000. Noted July 9.

Pa., Meadville — DORMITORY — Allegheny College, general contract 3 story, basement dormitory, to Sessinghaus & Ostergard, Erie. Est. $200,000.

Pa., Monessen — SCHOOL — Bd. Educ., general contract 2 story, basement, brick, steel school, to Dick Constr. Co., Clairton, $115,700. Noted Aug. 9.

Pa., Phila.—SCHOOL—Bd. Educ., J. D. Cassell, supt. buildings, 19th and Chestnut Sts., general contract 4 story, basement, 75 x 115 ft., rein.-con., brick, plain found., Huntingdon and Edgemont Aves., to P. H. Kelly 1713 Sansom St., $192,000.

Pa., Phila.—SCHOOL—Bd. Educ., J. D. Cassell, supt. buildings, 19th and Chestnut Sts., general contract 3 story, basement, 132 x 164 ft., rein.-con., brick, plain found., Ridge and Monastry Sts., to R. S. Herzog, 10 South 18th St., $328,530; heating, to Mechanical Equipment Co., 214 South 12th St., $36,494.

Ky., Louisville—CHURCH—Holy Trinity Church, Kentucky and Schiller Aves., A. C. Zoller, pastor, general contract dome shaped 81 x 134 ft., rein.-con., cut stone, brick, to Natl. Concrete Constr. Co., Bd. of Trade Bldg., $138,000; electrical work, to T. Jansen Co., 511 West Main St., and plumbing & Heating, to L. E. De Runtz, 1436 Rufer Ave., totalling $60,000. Noted Nov. 17, 1927.

Tex., Huntsville — LIBRARY — Texas Teachers College, c/o Bd. of Regents, M. O. Flowers, chn., Lockhart, 3 story, brick, tile, rein.-con., to Jopling Constr. Co., Fidelity Union Bldg., Dallas, $160,000.

Federal Government Work

Proposed Work

N. J., Raritan—QUARTERS and HOSPITAL—Constructing Quartermaster, Raritan Arsenal, sketches non-commissioned officers' quarters and hospital, Raritan Arsenal.

D. C., Wash. — SEAWALL FOUNDATIONS — U. S. Engineer Office, rip rap seawall foundations for Anacostia Park, Rock Creek and Potomac Parkway.

Wyoming—ROAD—Bureau Pub. Rds., Custom House, Denver, Colo., bids early in 1929, grading, surfacing 4.5 mi. Sect. 1-B, Norris Junction-Madison Junction Natl. Park Hy., Yellowstone Natl. Park. J. W. Johnson, Denver, Colo., dist. engr.

Bids Desired

Me., Rumford—WATER PIPING—Oct. 8, by Treas. Dpt., at office Supervising Archt., Wash., D. C., at U. S. Post Office.

Pa., Phila.—GRADING, etc.—Oct. 1, by Constructing Quartermaster Depot, 21st St. and Oregon Ave., grading, drainage, concrete paving portion roadway in Philadelphia Natl. Cemetery, Haines St. and Limekiln Pike, Germantown.

Delaware—RADIO MASTS—Spec. 5141—Oct. 3, by Bureau Yards & Docks, Navy Dpt., Wash., D. C., radio masts at Cape Henlopen and Bethany Beach. Noted Sept. 13.

Delaware and Maryland—DREDGING—Oct. 8, by U. S. Engineer Office, Wilmington, Del., 131,000 cu.yd. in Reery Point, Del., entrance to Island Waterway from Delaware River to Chesapeake Bay, (Chesapeake and Delaware Canal); adv. E. N.-R. Sept. 27.

Md., Baltimore—DREDGING—Oct. 24, by U. S. Engineer Office, 300 Custom House, 210,000 cu.yd. Baltimore Harbor and channels; adv. E. N.-R. Sept. 27. Noted Aug. 23.

D. C., Wash.—MARINE ENGINE—Oct. 1, by Commissioner Fisheries, Dpt. Commerce, 150 hp. full diesel Marine engine.

Va., Elko—KITCHEN—Oct. 1, by Quartermaster Supply Officer, Wash., D. C., kitchen addition, at Superintendents Lodge, Glendale Natl. Cemetery.

W. Va., Huntington — HORSES and PROPS—Oct. 24, by U. S. Engineer Office, steel horses and props; adv. E. N.-R. Sept. 27.

North Carolina—DREDGING—Oct. 22, by U. S. Engineer Office, Wilmington, 151,700 cu.yd. sand and mud in Neuse and Trent Rivers; adv. E. N.-R. Sept. 27.

N. C., Wilmington—BARGES—Oct. 22, by U. S. Engineer Office, constructing 3 steel barges; adv. E. N.-R. Sept. 27. Noted June 28.

La., Arabi—LODGE—Oct. 5, by Quartermaster, Jeffersonville, Ind., brick lodge at Calmette Natl. Cemetery.

Illinois—RAILROAD—Oct. 20, at office Constructing Quartermaster, Savanna Ordnance Depot, Savanna, approximately 4,350 lin.ft. standard gage railroad track; adv. E. N.-R. Sept. 27.

Ill., Milan—AQUEDUCT, etc.—Oct. 17, by U. S. Engineer Office, Federal Bldg., Rock Island, aqueduct with emergency valves, levees with culverts, raising, extending highway bridge, all in connection with proposed diversion of Mill Creek, under I & M Canal into Rock River; adv. E. N.-R. Sept. 27.

Wyoming — ROAD — Oct. 9, by Bureau Pub. Rds., Custom House, Denver, Colo., grading 3.91 mi. Sect. B, Granite Creek-Shell Natl. Forest Hy. Project, Big Horn Co. J. W. Johnson, Custom Bldg., Denver, Colo., dist. engr.

Tex., Houston—DREDGING—Oct. 17, by U. S. Engineer Office, Galveston, Buffalo Bayou between Houston Ship Channel turning basin and mouth White Oak Bayou; adv. E. N.-R. Sept. 27.

Tex., San Antonio—WELL—Constructing Quartermaster taking bids drilling 12 in. water well, at Randolph Flying Field.

N. Mex., Fort Stanton—RESERVOIR—Oct. 16, by Treas. Dpt., at office Supervising Archt., Wash., D. C., at U. S. Marine Hospital.

Ariz., Nogales — PAVING — Oct. 10, by Treas. Dpt., at office Supervising Archt., Wash., D. C., paving.

Oregon—ROAD—May 1, by Bureau P. Rds., Dpt. Interior, Natl. Forest Park Service, 316 New Post Office Bldg., Portland, grading, improving 12 mi. Babb-Many Glacier Surfacing, and 7 mi. Sun Camp-St. Mary's Junction Project, both Glacier Natl. Park.

Bids Received

Pa., Phila.—GENERATOR—Treas. Dpt., at office Supervising Archt., Wash., D. C., Sept. 18, motor generator for U. S. Mint., from Strang Electric Co., 214 South 7th St., $23,850. Noted Aug. 30.

Fla., Fort Barrancas—PAVING—Quartermaster Depot, Jeffersonville, Ind., 3,600 sq.yd. bituminous concrete paving approach roadway at Barrancas Natl. Cemetery, from E. M. Chadbourne, Pensacola, repairing base and constructing surface at $1.30 per cu.yd., stone or gravel in excess 50 cu.yd. $2.25 (45 days).

Mich., Detroit—HOSPITAL—Treas. Dpt., at office Supervising Archt., Wash., D. C., Sept. 13, main building and garage at U. S. Marine Hospital, from Ring Constr. Co., 95 South 11th St., Minneapolis, Minn., $395,380; mechanical equipment, from Pittelkow Heating & Eng. Co., 2340 West Lafayette St., $132,990. Noted Aug. 23.

Neb., Omaha—WATER PIPING—Treas. Dpt. at office Supervising Archt., Wash., D. C., Sept. 18, water supply piping in U. S. Post Office, Court and Custom House, from J. L. Powers, Bennettsville, S. C., $4,300. Noted Sept. 13.

Tex., Corsicana—POST OFFICE—Treas. Dpt., at office Supervising Archt., Wash. D. C., Sept. 14, extending and remodeling U. S. Post Office, from W. D. Lovell, 1415 Southeast 8th St., Minneapolis, Minn., $71,488. Noted Aug. 23.

California—ROAD—C. H. Sweetser, dist. engr. U. S. Bureau Pub. Rds., 461 Market St., San Francisco, Sept. 11, grading 12.1 mi. Sects. A and B, Route 23, Blairsden-Quincy Natl. Forest Hy., Plumas Co., from A. Milne, Portland, Ore., $61,966 est. $67,960.

Contracts Awarded

R. I., Providence—DREDGING—U. S. Engineer Office, 183,000 cu.yd. Pawtucket River, to J. S. Packard Dredging Co., 1004 Turks Head Bldg., $47,420. Noted Aug. 2.

N. Y., Governors Island (br. New York)—BARRACKS—Constructing Quartermaster, 1 barracks building at Fort Jay, to James McWilliams, Inc., 55 West 42nd St., New York, $1,186,520. Noted Sept. 20.

N. Y., Patchogue — DREDGING — U. S. Engineer Office, 1st Dist., Army Bldg., Whitehall St., New York, channel in Great South Bay (Patchogue River), to W. H. Gahagan Realty Co., Inc., 147 Remsen St., Brooklyn, $10,535. Noted Aug. 30.

Pa., McKeesport — DREDGING — U. S. Engineer Office, Pittsburgh, channel in Youghiagheny River, to Monongahela & Ohio Dredging Co., Oliver Bldg., Pittsburgh, $36,115. Noted Aug. 2.

Pa., Pittsburgh—WARDS—Treas. Dpt. at office Supervising Archt., Wash., D. C., additional wards at U. S. Marine Hospital,

Federal Government Work (Continued)

to Theriault Constr. Co., 534 East Johnson St., Phila., Pa., $4,734. Noted Sept. 13.

Pa., Sayre—POST OFFICE—Treas. Dpt. at office Supervising Archt., Wash., D. C., U. S. Post Office, to A. C. Samford, 301 Washington St., Montgomery, Ala., $70,680. Noted Sept. 13.

Tenn., Memphis—LEVEE WORK—U. S. Engineer Office, 212,000 cu.yd. levee work, to Bunnell & Mack, Paragould, Tenn., Piece 1 $3,360, Piece 2 $4,320, Piece 6 $6,975; to Keel & Keel, Newport, Ark., Piece 3, $13,500; to Brown, Denison Contract Co., Piece 4, $2,300; to F. D. Harvey, 688 South Bellvue St., Piece 5, $6,728; to O. M. New Co., Conway, Ark., Piece 7, $10,440, Piece 8, $3,200, Piece 9 $13,500. Grand total $64,323.

Tenn., Memphis—STEEL BARGES—U. S. Engineer Office, 1st and 2nd Mississippi River Dists., to American Bridge Co., Frick Bldg., Pittsburgh, Pa., $313,200; to Riter Conley Co., Oliver Bldg., Pittsburgh, Pa., $317,857; to Dravo Constr. Co., Neville Island, Pittsburgh, Pa., $326,400. Grand total $957,457. Noted Aug. 16.

Ind., Jeffersonville — WALL—Constructing Quartermaster, stone wall at Zachary Taylor Natl. Cemetery, to E. L. Williams, Anchorage, Ky., $9,965. Noted Aug. 2.

Ill., Chicago—DREDGING—U. S. Engineer Office, in Calumet Harbor and River, to Fitz Simmons & Connel Dredge & Dock Co., 10 South La Salle St., $36.513. Noted Aug. 16.

Texas—DREDGING—U. S. Engineer Office, Galveston, channel from Galveston Harbor to Texas City, to Orleans Dredging Co., 323 Guaranty Bldg., Galveston, $70,025. Noted Aug. 2.

Colorado — ROADS — Bureau P. Rds., Custom House, Denver, grading roads in Montezuma Co. ,to Salle Constr. Co., Rico, $68,458; in Larimer Co., to W. F. Pigg & Son, Inc., 420 Commercial Bldg., Denver, $25,453. Noted July 26 and Aug. 16.

C. Z., Coco Solo—SEAPLANE HANGARS—Spec. 5661—Bureau Yards & Docks, Navy Dpt., Wash., D. C., seaplane hangars to Newport Contg. & Eng. Co., Law Bldg., Newport News, Va., $178,750 (330 days). Noted Sept. 20.

Unclassified

Proposed Work

HANGAR and ASSEMBLY PLANT — **Provincetown, Mass.**—American Motorless Aviation Co., Cornhill, Box 411, or J. C. Penney, Jr., 330 West 34th St., New York, hangar and assembly plant. Private plans.

DOCKS, BULKHEAD and WALLS — **Brooklyn, N. Y.**—Waterfront Serv. Corp., 26 Court St., docks, bulkhead and walls. $750,000. Moore & Dunford, 110 East 42nd St., New York, engrs.

DOCKS and WHARVES — **Brooklyn, N. Y.**—Brooklyn Terminal Stores, Inc., c/o C. M. Rechenberg, 225 West 34th St., New York, docks and wharves. $200,000. Engineer not selected.

LOADING PLATFORMS and STORAGE —**New York, N. Y.**—New York Central R.R. Co., F. B. Freeman, ch. engr., 466 Lexington Ave., 1 story, 33 x 150 ft. loading platforms, storage, 161st St. and Morris Ave. $30,000.

BARGE TERMINAL—**Stillwater, Minn.**—City, C. A. Lammers, clk., preliminary plans barge terminal, incl. 372 ft. pile, timber trestle, on St. Croix River. $32,000. J. Abercrombie, city engr.

GAS PIPE LINE—**Wyoming and Utah**—Prairie Oil & Gas Co. (subsidiary Standard Oil Co. of New Jersey, 26 Bway., New York) and Ohio Oil Co. (subsidiary Standard Oil Co. of Louisiana, 2134 St. Charles Ave., New Orleans, La.), plan 350 mi. 12- to 22-in. pipe line between Hiawatha Dome, Wyo. and Salt Lake City, Utah. $20,000,000. Ford, Bacon & Davis, 39 Bway, New York, engrs. for survey.

AIRPORT—**Bristow, Okla.**—City airport. $50,000. W. J. McKenzie, Bristow, engr.

GAS SYSTEM—**Cheyenne, Okla.**—Taylor-Easterling Co., Kennedy Bldg., Tulsa, preliminary plans natural gas system. $25,000.

GAS SYSTEM—**Chickasha, Okla.**—J. B. Nichols, Chickasha, preliminary plans natural gas system, distribution system. $100,000. Private plans.

GAS SYSTEM—**Mt. Park, Okla.**—Taylor-Easterling Co., Kennedy Bldg., Tulsa, preliminary plans natural gas system. $25,000. Private plans.

GAS SYSTEM—**Olustee, Okla.**—Lone Star Gas Co., 1915 Wood St., Dallas, Tex., preliminary plans natural gas system. $25,000. Private plans.

STREET LIGHTING—**Seattle, Wash.**—Bd. P. Wks. received no bids Sept. 14, street lighting system on 1st Ave. S. $68,479. Will readvertise. W. D. Barkhuff, city engr.

OVERHEAD CROSSING — **California** — State Hy. Dept., Sacramento, 2 rein.-con. overhead crossings, one over North Western Pacific Ry., near Orick and Mad River, Humboldt Co., $75,000; other over Southern Pacific Ry., near Woodland, Yolo Co., $105,000. C. H. Purcell, state hy. engr.

SUBWAY—**Fresno, Calif.**—City, Belmont subway. $300,000. A. M. Jensen, city engr.

TUNNEL—**Los Angeles, Calif.** — City, Sepulveda Blvd. Tunnel under Mulholland Hy. $1,565,000.

WHARF, etc.—**Redwood City, Calif.**—City, 300 ft. wharf, 40 x 100 ft. corrugated iron warehouse. $102,900. C. L. Dimmitt, city engr.

STORAGE TANKS—**Sacramento, Calif.**—See "Buildings-Industrial."

WATER POWER DEVELOPMENT — **Sacramento, Calif.**—Pacific Gas & Electric Co., 245 Market St., San Francisco, developing 48,068 hp. from Bear Creek and Mokelumne River, Amador Co. $7,000,000. Private plans.

BEACH TUNNEL—**San Francisco, Calif.**—City and San Francisco Co., North Beach Tunnel connecting North Beach and Marina sections. $1,520,000. M. O'Shaughnessy, city engr.

GUNITE LINING — **Ventura, Calif.** — Ventura Co. gunite lining 211,242 sq.ft. ditch. C. W. Petit, co. surv.

Bids Desired

STANDPIPE—**Comstock, N. Y.**—Oct. 11, by Dpt. Correction, Home Savings Bank Bldg., Albany, standpipe, incidental work at Great Meadow Prison, Washington Co.; adv. E. N.-R. Sept. 27.

WALLS, etc.—**New York, N. Y.**—Oct. 3, by Comrs. Dpt. Mental Hygiene, Capitol, Albany, constructing walls supporting driveway approaches and coal bunker, at Psychiatric Institute and hospital; adv. E. N.-R. Sept. 27.

REROOFING—**Raybrook, N. Y.**—Oct. 18, by Superintendent Standards & Purchase, Executive Dpt., Capitol, Albany, new roof on Employees Dining Room and Kitchen at State Hospital for Treatment Incipient Pulmonary Tuberculosis; adv. E. N.-R. Sept. 27.

BORINGS—**New Jersey**—Oct. 8, by State Hy. Comn., Trenton, borings on Route 1 Extension, Sects. 5 to 10, Contr. 19, from Bway., Jersey City, Hudson Co. to Lincoln Hy., Newark, Essex Co. A. L. Grover, ch. clk.; adv. E. N.-R. Sept. 27.

LIGHTING SYSTEM—**Long Branch, N. J.**—Oct. 2, by Bd. City Comrs., City Hall, ornamental lighting system on Cedar Ave. from Westwood to Ocean Aves. O. R. Seaman, city engr.; adv. E. N.-R. Sept. 17.

BULKHEAD—**Baton Rouge, La.**—Oct. 9, by State Hy. Comn., 480 ft. creosoted timber south bulkhead for Rigolets Bridge, on Chef Menteur Hy., Orleans Parish.

STREET LIGHTING SYSTEM—**Sacramento, Calif.**—H. G. Denton, city clk., taking bids ornamental lighting system incl. underground system portions Curtis and Montgomery Ways, 8th, 9th Aves. $25,000 or more. S. J. Hart, city engr. Noted June 14.

STEEL ROLLING DOORS—**San Francisco, Calif.**—Oct. 10, by M. H. Gates, secy., State Harbor Comn., Ferry Bldg., 115 or more steel rolling doors for Pier 45. F. G. White, c/o owner, ch. engr.

LIGHTING SYSTEM — **Beverly Hills, Calif.**—See "Streets and Roads."

WHARVES—**Quebec**—Oct. 2, by S. E. O'Brien, secy. Dpt. P. Wks., Ottawa, Ont., repairing wharf, Montmagny, $30,000; extending wharf, St. Etienne de Malbaie, $20,000.

WHARF — **Les Escoumains, Que.** — Oct. 10, by S. E. O'Brien, secy. Dpt. P. Wks., Ottawa, Ont., reconstructing wharf. $30,000.

PIER—**Port Maitland, Ont.**—Oct. 3, by S. E. O'Brien, secy. Dpt. P. Wks., Ottawa, repairing head block, face timbers west pier. $25,000.

Contracts Awarded

UNDERGROUND CABLES—**Cambridge** (br. Boston), **Mass.** — New England Telegraph & Telephone Co., Milk St., Boston, underground telephone cables in Bway., Massachusetts Ave., Wendell St. and Upland Rd. $25,600. Owner builds. Private plans.

SUBWAY—**Brooklyn, N. Y.**—Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., New York, constructing Sect. 5, Route 107, under Schermerhorn St. from Court to Bond St., to Necaro Constr. Co., Avenue C and East 11th St., New York, $5,612,034. Noted Sept. 6.

SUBWAY—**Long Island City, N. Y.**—Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., New York, Sect. 1, Route 108, Rapid Transit R.R. along and under Jackson Ave. and Northern Blvd., to G. W. T. Constr. Co., Inc., 247 Park Ave., New York, $6,974,731. Noted Sept. 13.

BULKHEAD — **New York, N. Y.** — H. Bruckner, pres. Bronx Boro, Crotona Park, 3rd and Tremont Aves., bulkhead and foundations, piles and oil storage in connection with extension and addition to Bronx Boro Asphalt Plant, Edgewater Rd., to Riverside Contg. Co., Casanova and Bay Aves., $18,873. Noted Aug. 30.

STATION FINISH—**New York, N. Y.**—Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., station finish in 155th, 163rd, 168th St. Stations, on Washington Heights Line, to Woodcrest Constr. Co., 100 East 45th S., $375,014. Noted May 21.

AIRPORT PASSENGER TERMINAL — **Miami, Fla.**—Pan-American Airways, Inc., 36th and Seaboard Sts., general contract rein.-con., steel, to Sandquist & Snow, Inc., Calumet Bldg., $39,447.

TUNNELS—**Cleveland, O.**—Peerless Motor Car Corp., E. Ver Linden, pres.-genl. mgr., East 93rd St. and Quincy Ave., 200 ft. 5½ x 6 ft. tunnels, to Marsh-Hart Co., 11501 Mayfield Rd. Est. $40,000.

ROCK QUARRY — **Del Rio, Tex.** — Del Rio Stone Co., c/o W. F. Schrader, Del Rio, rock quarry, 3 car per day capacity. $60,000. Owner builds. Private plans.

STREET LIGHTS — **Seattle, Wash.** — Bd. P. Wks., street lights on Fremont Ave., to Kuhns & Devore, 5207 16th Ave. N. E., $27,767; 12th Ave. S., to H. C. Moss, Melhorn Bldg., $71,767.

PLEASURE PIER, etc.—**Long Beach, Calif.**—City, pleasure pier, auditorium fill and appurtenant work, to Hauser Constr. Co., Security Bldg., $959,960. Noted Aug. 16.

Materials

Bids Desired

SAND GRIT, etc.—**New York, N. Y.**—Oct. 2, by H. Bruckner, pres. Bronx Boro, Crotona Park, 3rd and Tremont Aves., sand grit and 1½ in. waterbound macadam stone, broken stone screening.

PUMP and BOILER—**Port Gibson, Miss.**—Oct. 1, by W. L. Allen, city clk., condensation pump, 4,000 ft. radiation, electric type, 25 hp. open bottom locomotive boiler, 125 lb. working pressure of box steel.

SNOW FENCE and POSTS—**Grundy Center, Ia.**—Oct. 1, at office Auditor Grundy Co., 20,000 ft. snow fence, 2,000 fence posts. C. R. Rudisill, Grundy Center, co. engr.

BRIDGE LUMBER, etc.—**Harlan, Ia.**—Oct. 4, at office Auditor Shelby Co., 297,800 ft. untreated Douglas fir bridge lumber, 13,960 ft. creosoted yellow pine piling, 15,000 ft. creosoted southern pine lumber, 2,800 ft. corrugated culvert material, paint. J. P. Camery, Harlan, co. engr.

WATER METERS—**Lone Wolf, Okla.**—City in market fifty ⅝ in. water meters. R. P. Coon, mayor.

WATER METERS — **Weatherford, Okla.**—City in market one hundred ⅝ in. water meters. H. H. Clark, supt. Water Dpt.

PINE PILES—**Los Angeles, Calif.**—Oct. 8, by Supervs. Los Angeles Co., 7,500 untreated Oregon pine piles.

PIPE—**Oxnard, Calif.**—F. B. Pettis, city clk., taking bids 200 ft. 14 in., 500 ft. 12 in., 2,400 ft. 10 in., 600 ft. 6 in., 2,200 ft. 4 in. de Lavauud, mono-cast or other centrifugally c.i. pipe, 12 or 16 ft. lengths, trench-side, Oxnard together with fittings.

Bids Received

PORTLAND CEMENT — **Long Island City, N. Y.** — B. M. Patten, pres. Queens Boro, Queens Subway Bldg., Sept. 19, 4,000 bags portland cement, from Hunterspoint Lumber & Supply Co., Anable Ave., $2,600; 60,000 gal. asphaltic macadam binder, from Sun Oil Co., 53-02 11th St., $3,750. Noted Sept. 13.

Contracts Awarded

SNOW FENCE and IRON POSTS — **Hastings, Minn.** — J. M. Langenfeld, aud. Dakota Co. 84,000 lin.ft. slat snow fence, to E. S. Gaynor Lumber Co., 1819 East 3rd St., Sioux City, Ia. at $0.0599 per ft.; eight thousand four hundred 6.5 ft. angle iron posts with anchors, to Lyle Culvert & Road Equipment Co., 171 27th Ave. S., $0.2475 each. Noted Aug. 16.

Foreign

Mexico, Auga Caliente—American Building & Investment Co., 2 story, 120 room addition, 13 bungalow hotel units, bath house, to Wurster Constr. Co., National City Bank Bldg., Los Angeles, Calif. $650,000.

See proposal advertising on page 118

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UNIT PRICES

Bridge—Brenham, Tex.

State Highway Commission, Austin, opened bids Mar. 20, Chapel Hill Brazos River Highway Bridge across Brazos River on State Highway No. 20, Washington Co., Federal Aid Project 513 B. Consists of one 320 ft. and two 126 ft. steel spans on concrete piers, open and pneumatic types, and two 342.5 ft. timber trestles. Includes 1,000,000 lb. structural steel, 100,000 lb. reinforcing steel, 3,000 cu.yd. concrete, 110,000 ft. lumber and 8,000 ft. timber piling. Bidders on Unit I, superstructure and timber approach trestles, are: (A) Kansas City Bridge Co., 1012 Baltimore Ave., Kansas City, Mo.; (B) Austin Bridge Co., Box 1094, Dallas; (C) Wisconsin Bridge Co., North Milwaukee, Wis.; (D) L. E. Meyers & Co., Dallas, Tex., and Chicago, Ill., (awarded contract H-1); (E) Vincennes Bridge Co., Vincennes, Ind. Unit II, substructure, piers 1 and 4 and 2 and 3, Type Z, Design C, rectangular open cofferdam type, (A) L. E. Meyers & Co., (awarded contract); Design B, main piers 2 and 3, pneumatic caisson, base elevation 72 ft., small land piers, elevation bottom of base with concrete foundation piling, (B) Kansas City Bridge Co. Complete unit prices follow. G. G. Wickline, Austin, bridge engineer.

SUPERSTRUCTURE AND TIMBER APPROACH TRESTLES

	A	B	C	D	E
60.236 M ft. B.M. long leaf or short leaf yellow pine	$125.00	$130.00	$130.00	$135.00	$123.00
64.124 M ft. B.M. 12 lb. treated timber flooring and floor details	125.00	130.00	125.00	130.00	123.00
3.948 M. ft. B.M. untreated painted timber	105.00	78.00	160.00	190.00	92.00
6,808 lin.ft. 16 lb. treated timber piling	1.40	1.08	1.50	1.43	1.20
282.76 cu.yd. Class D conc. in truss floors	28.00	26.00	30.00	30.00	23.00
43,590 lb. rein. steel in truss floors	.05	.041	.05	.045	.05
980,000 lb. structural steel 1—320 ft. and 2—126 ft. trusses	.0825	.0835	.068	.078	.075
1,200 lb. "lead plates"	.25	.26	.25	.18	.12
1522.2 sq.yd. "bituminous concrete pavement" 2 in. average thickness H-1	2.50	3.00	2.50	1.85	2.25
Alternates					
1522.2 sq.yd. "Amiesite Pavement" H-2	2.00	1.80	2.20	2.00	2.00
1522.2 sq.yd. cold rolled rock asphalt H-3	2.00	1.80	2.10	2.00	2.00
Totals H-1	$120,583	$119,685	$125,788	$116,970	$109,611
Totals H-2	119,821	117,858	125,331	117,198	109,230
Totals H-3			125,178		

SUBSTRUCTURE

	A Open Cofferdam	B Pneumatic Caisson
363.8 cu.yd. Class "A" struct. excav. piers 1 and 4 above elevation 120 ft.	$4.00	$3.50
152.72 cu.yd. Class "A" conc., piers 1 and 4	32.00	40.00
51.60 cu.yd. Class "B" conc., piers 1 and 4	24.50	40.00
605.8 cu.yd. Class "B" conc. above elev. 110 ft., piers 2 and 3	23.60	35.00
1,797 cu.yd. pneumatic base conc. below elevation 110 ft., piers 2 and 3	.....	76.00
39,108 lb. reinf. steel all piers	.052	.05
3,360 lin.ft. steel H columns foundation piling, piers 2 and 3	.....	4.00
1,792 lin.ft. precast conc. piling, piers 1 and 4	8.00	6.50
1,782 cu.yd. conc. in base, main piers 2 and 3, below elevation 110 ft.	70.00	.....
Totals	$193,557	$194,265

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Highway—Arizona

State Highway Dept., Phoenix, opened bids July 30, Globe-Safford Highway, Federal Aid Project 87-C Lowest three and highest bidders are: (A) Lee Moor Contracting Co., El Paso, Tex., (awarded contract); (B) R. S. Black, Clifton; (C) J. Mulligan, El Paso; (D) Whiting Bros., Tanner & Packard, St. Johns.

	A	B	C	D
34,615 cu.yd. excav. roadway (unclass)	$0.23	$0.45	$0.47	$0.60
7,725 cu.yd. excav. borrow (unclass.)	.23	.30	.47	.37
1,434 cu.yd. excav. structures (unclass.)	1.00	1.00	1.50	1.25
1,818 cu.yd. excav. ditches and ch. (unclass.)	.26	.45	.47	.55
715 cu.yd. dykes	.26	.45	.47	.40
2,807 sta.yd. earthwork overhaul	.04	.04	.02	.05
458 cu.yd. class "A" conc. (C.F.C.)	22.50	24.50	23.50	25.00
105 cu.yd. class "B" conc. (C.F.C.)	22.00	23.00	23.00	24.00
129 cu.yd. plain rip rap (C.F.C.)	3.00	6.00	2.50	2.50
2 cattle guards (C.F.C.)	350.00	350.00	225.00	250.00
396 lin.ft. 24 in. C.M. pipe (C.F.C.)	2.30	2.90	2.50	3.00
28 lin.ft. 30 in. C.M. pipe (C.F.C.)	3.20	3.50	3.00	3.50
186 lin.ft. 36 in. C.M. pipe (C.F.C.)	3.70	4.30	3.80	4.50
960 lin.ft. mesh guard fence (C.F.C.)	1.00	1.25	1.00	1.00
32,055 lb. rein. steel (C.F.C.)	.06	.08	.065	.07
7 cu.yd. conc. removed	5.00	3.00	10.00	10.00
Remove 2 span conc. bridge	300.00	300.00	350.00	500.00
Remove conc. box	150.00	75.00	150.00	250.00
Remove conc. box	150.00	75.00	150.00	150.00
Structures Over 20-Ft. Clear Span				
367 cu.yd. excav. (unclass)	1.00	1.00	1.50	1.25
160 cu.yd. class "A" conc. (C.F.C.)	22.50	24.50	23.50	25.00
10,615 lb. rein. steel (C.I.P.)	.06	.08	.065	.07
Totals	$35,456	$47,108	$47,793	$53,137

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Dock Wall—Albany, N. Y.

Eight bids were opened by Albany Port District Comm., Aug. 31, concrete and block dock wall at Westerlo Island, Contr. No. 13, difference between lowest and average, 14 per cent. Lowest three and highest bidders are (A) W. S. Rae, 439 Oliver Bldg., Pittsburgh, (awarded contract); (B) S. J. Grove & Co., White Plains; (C) Scott Bros. Constr. Co., Rome; (D) J. J. Finn & Sons, Albany. Arnold G. Chapman, engineer. Ernest P. Goodrich, consulting engineer.

	A	B	C	D
270,000 hundred untreated cement blocks	$14.00	$20.00	$21.00	$20.00
139,000 hundred treated cement blocks	22.00	24.00	27.00	23.00
3,400 sq.ft. gunite facing	.45	.75	.85	.92
8,200 bbl. portland cement	2.65	2.40	2.35	3.36
1,450 cu.yd. precast conc. blocks	16.25	9.00	11.50	39.74
2,800 cu.yd. Class "A" conc.	14.50	16.00	13.00	17.83
100 cu.yd. Class "B" conc.	12.00	16.00	10.00	17.95
35,000 lb. bar reinforcement	.05	.07	.06	.05
29 ballards, installed complete	48.00	35.00	35.00	64.50
56 cleats, installed complete	22.00	15.00	17.50	16.83
2 48-in. sewer check valves	485.00	250.00	450.00	231.00
1 36-in. sewer check valve	275.00	125.00	350.00	275.00
2 screens for 48 in. sewer outlet	52.50	50.00	75.00	149.00
1 screen for 36 in. sewer outlet	43.50	40.00	65.00	124.00
300 lin.ft. 48 in. sewer installation	4.50	5.00	4.25	7.62
152 lin.ft. 36 in. sewer installation	4.00	4.00	3.50	6.35
335 fender piles	40.00	40.00	35.00	77.50
9 M. ft. B.M. douglas fir	112.00	90.00	125.00	120.65
120 M.ft. B.M. long leaf yellow pine timber	163.00	85.00	175.00	160.00
3 manholes complete	450.00	150.00	150.00	160.00
Totals	$200,046	$201,078	$212,132	$282,694

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